

Robert D. Rice, President
Triple R Consultants
P.O. Box 302
South Lyon, MI 48178
Phone: 810.923.9290
Fax: 248.446.8125
Email: bob@triple-r.us
May 15, 2019

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

CC Docket No. 96-45

CC Docket No. 02-6

“WAIVER REQUEST”

“FY2017 APPEAL”

“Administrator’s Decision on Appeal – Funding Year 2018-2019”

APPLICANT: Fowlerville Community Schools

BEN: 131203

FY2018 FORM 471: 181025403 **FRN:** 1899048113 and 1899048125

Contact: Grace Damerow, Technology Director

Phone: 517.223.6021

Email: DamerowG@fowlervilleschools.org

This “Appeal”/“Waiver Request” to the FCC, is written and submitted on behalf of Fowlerville Community Schools (district) (BEN: 131203), 7767 Sharpe, Suite A, Fowlerville, MI 48836. This “Appeal/Waiver Request” is an important matter concerning the enclosed Universal Service Administrative Company (USAC) Funding Commitment Decision Letter (**Exhibit A**); Wherein, we believe based on program rules that USAC erred in the decision, “The RFP response due date was 3/6/2018 which is prior to the expiration of the 28 day competitive bidding waiting period as established by the filing of your FCC Form 470. As a result, the RFP was not available for 28 days after the filing of the FCC Form 470.” .

Whereas, on February 7, 2018 the district certified Form 470 (**Exhibit B**) and accompanying RFPs (**Exhibit C**) and scheduled a public bid opening on the afternoon of the 28th day. The district followed all the USAC rules as well as state and local rules and policies during the process. On March 21, 2018, the district submitted and certified two

Form 471s; 471 181025403 for C1 services (**Exhibit D**) and 471 181025407 for C2 services(**Exhibit E**), both using the same Form 470 180017346.

Whereas, on January 5, 2019 during the PIA review for Form 471 181025403, the PIA reviewer made a determination that the RFP was not available for the required 28 days and would issue a denial for the two associated FRNs. (**Exhibit F**) The district provided as part of Exhibit F, the information demonstrating the RFP was available for 28 days. However, the PIA review ignored the information and denied 471 181025403 and the associated FRNs.

Whereas, on January 11, 2019, USAC issued a Funding Commitment Decision Letter (**Exhibit A.**) denying both FRNs. The district filed an appeal with USAC on January 13, 2019, (**Exhibit G**). After 101 days, on April 24, 2019 (**Exhibit H**), USAC issued a Revised Funding Commitment Letter again denying the funding request.

Whereas, on August 24, 2018, USAC approved Form 471 181025407 with a Funding Commitment Decision Letter (**Exhibit I**) for all associated FRNs. This Form 471 was filed using the same Form 470 180017346, same associated RFPs with the same bid opening date.

Whereas, on October 10, 2017, the USAC PIA reviewer made the same evaluation, that the issued RFP was not available for the full 28 day bid window (**Exhibit J**). However, once the same supporting information was provided to the PIA reviewer, USAC accepted the information and approved the Form 471 and associated FRNs. (**Exhibit K**).

Thereafter, Fowlerville Community Schools request that FCC overturn the denial for Form 471 181025403 and associated FRNS. If it is determined by the FCC that USAC decision for denial was correct, then we ask for a “Wavier” of the rules as the district acted in good faith while following allowable past practices. We would also request that the FCC issue a rule clarification that Form 470's issued with associated RFPs, the bid cannot be opened until the 29th day which would be the same day a district would be allow to sign a contract.

Fowlerville Community Schools is in desperate need to upgrade their aging fiber network infrastructure so the district can deliver 21st century instructions to their rural classrooms. Failure to grant this appeal or Waiver Request for Form 471 application number 181025403, FRNs 1899048113 and 1899048125, in conjunction with a depressed

economy in Michigan and rural community, will create undue financial hardship for Fowlerville Community Schools.

Thank you for your consideration regarding this matter and supporting Fowlerville Community Schools.

Cordially,

A handwritten signature in black ink, appearing to read "Robert D. Rice". The signature is fluid and cursive, with the first name "Robert" being more prominent than the last name "Rice".

Robert D. Rice
Triple R Consultants

Enc

LIST OF EXHIBITS

- Exhibit A** FY17 471 171019154
- Exhibit B** CDW Vendor Agreement
- Exhibit C** CDW Vendor Email on Labor Eligibility

Funding Commitment Decision Letter

Funding Year 2018

Contact Information:

Wayne Roedel
FOWLERVILLE COMM SCHOOL DIST
7677 SHARPE SUITE A
FOWLERVILLE, MI 48836
roedelw@fowlervilleschools.org

FCC Form 471: 181025403**BEN:** 131203**Wave:** 40**Application Nickname:** FY18-471-F Fowlerville

Totals

| | |
|------------------------|---------------|
| Total Committed | \$0.00 |
|------------------------|---------------|

What is in this letter?

Thank you for submitting your application for Funding Year 2018 Schools and Libraries Program (E-rate) funding. Attached to this letter, you will find the funding statuses for the FCC Form(s) 471, Services Ordered and Certification Form, that you submitted and referenced above.

The Universal Service Administrative Company (USAC) is providing this information to both the applicant(s) and the service provider(s) so that all parties are aware of the post-commitment changes related to their funding requests and can work together to complete the funding process for these requests.

Next Steps

1. Work with your service provider(s) to determine if your bills will be discounted or if you will request reimbursement from USAC after paying the full cost for the services you receive.
2. Review the [Children's Internet Protection Act \(CIPA\)](#) requirements and file the [FCC Form 486](#) (Service Confirmation and CIPA Certification Form). **The deadline to submit this form is 120 days from the date of this letter or from the service start date (whichever is later).**



BEN Name: FOWLERVILLE COMM SCHOOL DIST
BEN: 131203

FCC Form 471: 181025403
Wave: 40

3. Invoice USAC

- **If you (the applicant) are invoicing USAC:** You must pay your service provider(s) the full cost for the services you receive and file the [FCC Form 472](#), the Billed Entity Applicant Reimbursement (BEAR) Form, to invoice USAC for reimbursement of the discounted amount.
- **If your service provider(s) is invoicing USAC:** The service provider(s) must provide services, bill the applicant for the non-discounted share, and file the [FCC Form 474](#), the Service Provider Invoice (SPI) form, to invoice USAC for reimbursement for the discounted portion of costs. Every funding year, service providers must file an [FCC Form 473](#), the Service Provider Annual Certification Form, to be able to submit invoices and to receive disbursements.
- **To receive an invoice deadline extension, the applicant or service provider** must request an extension on or before the last date to invoice. **If you anticipate, for any reason, that invoices cannot be filed on time**, USAC will grant a one-time, 120-day invoice deadline extension if timely requested.

How to Appeal or Request a Waiver of a Decision

You can appeal or request a waiver of a decision in this letter **within 60 calendar days** of the date of this letter. Failure to meet this deadline will result in an automatic dismissal of your appeal or waiver request.

Note: The Federal Communications Commission (FCC) will not accept appeals of USAC decisions that have not first been appealed to USAC. However, if you are seeking a waiver of E-rate program rules, you must submit your request to the FCC and not to USAC. USAC is not able to waive the E-rate program rules.

- **To submit your appeal to USAC**, visit the Appeals section in the [E-rate Productivity Center \(EPC\)](#) and provide the required information. USAC will reply to your appeal submissions to confirm receipt. Visit USAC's [website](#) for additional information on submitting an appeal to USAC, including step-by-step instructions.
- **To request a waiver of the FCC's rules**, please submit it to the FCC in proceeding number CC Docket No. 02-6 using the [Electronic Comment Filing System](#) (ECFS). Include your contact information, a statement that your filing is a waiver request, identifying information, the FCC rule(s) for which you are seeking a waiver, a full description of the relevant facts that you believe support your waiver request and any related relief, and any supporting documentation.

For appeals to USAC or to the FCC, be sure to keep a copy of your entire appeal, including any correspondence and documentation, and provide a copy to the affected service provider(s).



Obligation to Pay Non-Discount Portion

Applicants are required to pay the non-discount portion of the cost of the eligible products and/or services to their service providers. Service providers are required to bill applicants for the non-discount portion of costs for the eligible products and/or services. The FCC stated that requiring applicants to pay the non-discounted share of costs ensures efficiency and accountability in the program. If using the BEAR invoicing method, the applicant must pay the service provider in full (the non-discount plus discount portion) **before** seeking reimbursement from USAC. If using the SPI invoicing method, the service provider must first bill the applicant **before** invoicing USAC.

Notice on Rules and Funds Availability

The applicants' receipt of funding commitments is contingent on their compliance with all statutory, regulatory, and procedural requirements of the Schools and Libraries Program and the FCC's rules. Applicants who have received funding commitments continue to be subject to audits and other reviews that USAC and/or the FCC may undertake to assure that committed funds are being used in accordance with such requirements. USAC may be required to reduce or cancel funding commitments that were not issued in accordance with such requirements, whether due to action or inaction of USAC, the applicant, or the service provider. USAC, and other appropriate authorities (including but not limited to the FCC), may pursue enforcement actions and other means of recourse to collect improperly disbursed funds.



BEN Name: FOWLERVILLE COMM SCHOOL DIST
BEN: 131203

FCC Form 471: 181025403
Wave: 40

Funding Commitment Decision Overview

Funding Year 2018

Application Comments for FCC Form 471: #181025403

FOWLERVILLE ONLINE LEARNING ACADEMY - 16068971 has been added to the FCC Form 471 application. <><><><><> The applicant did not submit any RAL corrections.

Funding Commitment Decision Overview

| Funding Request Number (FRN) | Service Provider Name | Amount Requested | Amount Committed | Status |
|------------------------------|---------------------------------|------------------|------------------|--------|
| 1899048113 | FD Hayes Electric Company, Inc. | \$47,147.80 | \$0.00 | Denied |
| 1899048125 | Delta Network Services LLC | \$37,880.15 | \$0.00 | Denied |



BEN Name: FOWLERVILLE COMM SCHOOL DIST
BEN: 131203

FCC Form 471: 181025403
Wave: 40

| | | |
|--------------------------|---|-------------------------|
| FRN 1899048113 | Service Type Data Transmission and/or Internet Access | Status Denied |
|--------------------------|---|-------------------------|

| Dollars Committed | | | |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost | | One-time Cost | |
| Months of Service | 12 | | |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$67,354.00 |
| Total Pre-discount Charges | | \$67,354.00 | |
| Discount Rate | | 70.00% | |
| Committed Amount | | \$0.00 | |

| Dates | |
|----------------------------------|-----------|
| Service Start Date | 7/1/2018 |
| Contract Expiration Date | 6/30/2019 |
| Contract Award Date | 3/19/2018 |
| Service Delivery Deadline | |
| Expiration Date (All Extensions) | |

| Service Provider and Contract Information | |
|---|---------------------------------|
| Service Provider | FD Hayes Electric Company, Inc. |
| SPIN (498ID) | 143007279 |
| Contract Number | NA |
| Account Number | NA |
| Establishing FCC Form 470 | 180017346 |

| Consultant Information | |
|------------------------|----------------------|
| Consultant Name | Robert Rice |
| Consultant's Employer | Triple R Consultants |
| CRN | 16055924 |

Funding Commitment Decision Comments

DR1: The RFP response due date was 3/6/2018 which is prior to the expiration of the 28 day competitive bidding waiting period as established by the filing of your FCC Form 470. As a result, the RFP was not available for 28 days after the filing of the FCC Form 470.



BEN Name: FOWLERVILLE COMM SCHOOL DIST
BEN: 131203

FCC Form 471: 181025403
Wave: 40

| | | |
|--------------------------|---|-------------------------|
| FRN 1899048125 | Service Type Data Transmission and/or Internet Access | Status Denied |
|--------------------------|---|-------------------------|

| Dollars Committed | | | |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost | | One-time Cost | |
| Months of Service | 12 | | |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$53,094.50 |
| Total Pre-discount Charges | | \$53,094.50 | |
| Discount Rate | | 70.00% | |
| Committed Amount | | \$0.00 | |

| Dates | |
|----------------------------------|-----------|
| Service Start Date | 7/1/2018 |
| Contract Expiration Date | 6/30/2019 |
| Contract Award Date | 3/19/2018 |
| Service Delivery Deadline | |
| Expiration Date (All Extensions) | |

| Service Provider and Contract Information | |
|---|----------------------------|
| Service Provider | Delta Network Services LLC |
| SPIN (498ID) | 143027627 |
| Contract Number | NA |
| Account Number | NA |
| Establishing FCC Form 470 | 180017346 |

| Consultant Information | |
|------------------------|----------------------|
| Consultant Name | Robert Rice |
| Consultant's Employer | Triple R Consultants |
| CRN | 16055924 |

Funding Commitment Decision Comments

DR1: The RFP response due date was 3/6/2018 which is prior to the expiration of the 28 day competitive bidding waiting period as established by the filing of your FCC Form 470. As a result, the RFP was not available for 28 days after the filing of the FCC Form 470. <><><><><> MR1: The Product Type for FRN Line Items .002 and .006 was modified from Switch to Operating Software of Eligible Equipment to agree with the applicant documentation. <><><><><> MR2: The Product Type for FRN Line Items .005 and .012 was modified from Switches to UPS/



BEN Name: FOWLERVILLE COMM SCHOOL DIST
BEN: 131203

FCC Form 471: 181025403
Wave: 40

Battery Backup to agree with the applicant documentation. <><><><><> MR3: The Product Type for FRN Line Items .007, .008 and .014 was modified from Switches to Cabling to agree with the applicant documentation. <><><><><> MR4: The Product Type for FRN Line Item .016 was modified from Switch/Labor to Other/Installation to agree with the applicant documentation. <><><><><> MR5: The Product Type for FRN Line Item .017 was modified from Switch/Shipping to Other/Shipping to agree with the applicant documentation. <><><><><> MR6: The FRN was modified from \$54,114.50 to \$53,094.50 One-Time charges to agree with the applicant documentation.

FY18-470 C1 and C2 Fowlerville - #180017346



Summary [Generated Documents](#) [News](#) [Related Actions](#)



Exhibit B

Please note: The following fields pull the most current data from the Contact User Profile and Applicant Entity Profile: Recipient(s) of Service, Contact Name, and Contact Phone Number. If you would like to review this FCC Form 470 with the data that was present upon certification, please navigate to the Generated Documents related dashboard on the left-hand side and click the Original Version document link.

Application Information

| | | | |
|--------------------------------|--------------------------------|---------------------------|-----------------------|
| Nickname | FY18-470 C1 and C2 Fowlerville | Created Date | 1/21/2018 4:42 PM EST |
| Application Number | 180017346 | Created By | Robert Rice |
| Funding Year | 2018 | Certified Date | 2/7/2018 8:02 AM EST |
| Status | Certified | Certified By | Wayne Roedel |
| Allowable Contract Date | 3/7/2018 | Last Modified Date | 2/7/2018 8:02 AM EST |
| | | Last Modified By | Wayne Roedel |

Billed Entity Information

| | | | |
|-------------|------------------------------|-----------------------------------|--------|
| Name | FOWLERVILLE COMM SCHOOL DIST | Billed Entity Number (BEN) | 131203 |
|-------------|------------------------------|-----------------------------------|--------|

Application Type and Recipients of Service

| | | | |
|--------------------------------|---|------------------------------------|---|
| Applicant Type | School District | Number of Eligible Entities | 6 |
| Recipient(s) of Service | <input type="checkbox"/> Public School | | |
| | <input type="checkbox"/> Pre-K | | |
| | <input type="checkbox"/> Public School District | | |

Contact Information

| | | | |
|--------------|---------------------------------|---------------------|--------------|
| Name | Grace Damerow | Phone Number | 517-223-6021 |
| Email | damerowg@fowlervilleschools.org | | |

Services Requested

Category 1: Internet Access and/or Telecommunications

| Type | Function | Number Entities | Quantity | Unit | Min Capacity | Max Capacity | Installation and Initial Configuration? | Maintenance Indicator | Associated RFP |
|---|--|-----------------|----------|-----------------|-----------------|-----------------|---|-----------------------|------------------------------------|
| Internet Access and/or Telecommunications | Leased Dark Fiber | 8 | 14 | Fiber Strands | Detailed in RFP | Detailed in RFP | Yes | Yes | View RFP Documents |
| Internet Access and/or Telecommunications | Leased Lit Fiber | 8 | 7 | Circuits | 10 Gbps | 10 Gbps | Yes | Yes | View RFP Documents |
| Internet Access and/or Telecommunications | Transport Only – No ISP Service Included | 8 | 7 | Circuits | 10 Gbps | 10 Gbps | Yes | Yes | View RFP Documents |
| Internet Access and/or Telecommunications | Self-Provisioned Networks | 8 | 84 | Detailed in RFP | Detailed in RFP | Detailed in RFP | Yes | Yes | View RFP Documents |

| Type | Function | Number Entities | Quantity | Unit | Min Capacity | Max Capacity | Installation and Initial Configuration? | Maintenance Indicator | Associated RFP |
|---|---|-----------------|----------|----------|--------------|--------------|---|-----------------------|------------------------------------|
| Internet Access and/or Telecommunications | Services Provided Over Third Party Networks | 8 | 84 | Circuits | 10 Gbps | 10 Gbps | Yes | Yes | View RFP Documents |
| | | | | | | | | | 1 – 5 of 6 |

Category 2: Internal Connections and Managed Internal Broadband Services

| Type | Function | Number Entities | Quantity | Unit | Manufacturer | Manufacturer Other Description | Installation and Initial Configuration ? | Associated RFP |
|---|---------------------|-----------------|----------|------|---------------|--------------------------------|--|------------------------------------|
| Internal Connections | Switches | | 115 | Each | No Preference | | Yes | View RFP Documents |
| Basic Maintenance of Internal Connections | Switches | 8 | 115 | Each | No Preference | | | View RFP Documents |
| Internal Connections | WAP | | 235 | Each | No Preference | | No | View RFP Documents |
| Basic Maintenance of Internal Connections | WAP | 8 | 235 | Each | No Preference | | | View RFP Documents |
| Internal Connections | Wireless Controller | | 1 | Each | No Preference | | Yes | View RFP Documents |
| 1 – 5 of 10 | | | | | | | | |

Technical Contact Information

A technical contact has not been indicated

State or Local Procurement Requirements

State or Local Procurement Requirements have not been indicated



Fowlerville Community Schools

7677 Sharpe Rd
Fowlerville, MI, 48836

Request for Proposals Self-Provisioned Fiber

**Request For Proposal Year: 2018/19
FY2018 E-Rate FORM 470 – 180017346**

School District Contact:

Grace, Damerow, Director of Technology
Technology Department
Phone: 517.223.6021
E-mail: damerowg@fowlervilleschools.org

Prepared by:

Triple R Consultants
P.O. Box 302
South Lyon, MI 48178
Phone: 810.923.9290
E-mail: bob@triple-r.us

Contents

| | |
|--|----|
| REQUEST FOR PROPOSALS – SELF-PROVISIONED FIBER (SPF)..... | 1 |
| 1.0.0 INVITATION TO BID | 1 |
| 2.0.0 BIDDER INSTRUCTIONS..... | 1 |
| 3.0.0 GENERAL CONDITIONS | 4 |
| 4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS | 7 |
| 5.0.0 SCOPE OF WORK..... | 8 |
| 6.0.0 TIMELINE REQUIREMENTS..... | 10 |
| 7.0.0 AWARDED CONTRACT REQUIREMENTS..... | 11 |
| PRODUCTS AND SERVICES SPECIFICATIONS..... | 16 |
| 8.0.0 SELF-PROVISIONED FIBER (SPF) SPECIFICATIONS | 16 |
| 9.0.0 SELF-PROVISIONED FIBER (SPF) MAINTENANCE REQUIREMENTS..... | 20 |
| 10.0.0 SELF-PROVISIONED FIBER (SPF) DOCUMENTATION..... | 20 |
| APPENDIX A – INTENT TO BID FORM..... | 22 |
| APPENDIX B – BID SIGNATURE PAGE | 23 |
| APPENDIX C – BILL OF MATERIALS | 24 |
| APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT | 25 |
| APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT..... | 26 |
| APPENDIX F – PREVAILING WAGE..... | 27 |
| APPENDIX G – SPF ROUTE DESCRIPTIONS..... | 28 |
| APPENDIX H – SPF ROUTE MAPS | 29 |
| APPENDIX I – SPF BUILDING MAPS..... | 30 |

REQUEST FOR PROPOSALS – SELF-PROVISIONED FIBER (SPF)

1.0.0 **INVITATION TO BID**

1.1.0 **BID ACCEPTANCE**

Fowlerville Community Schools, hereby known as “District”, will accept sealed responses (“Bids”) to this Request for Proposals (RFP) for a Self-Provisioned Fiber (SPF) project which comply with the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications set forth below and submitted to the District at the following address:

**Fowlerville Community Schools
Self Provisioned Fiber
Technology Department – Attention: Grace Damerow
7677 Sharpe Rd Suite A
Fowlerville, MI 48836**

1.2.0 **INTENT TO BID FORM**

All Bidders must complete and submit the Intent to Bid Form, Appendix A, no later than February 21, 2018. The Bidder shall be responsible for the timely delivery of the Intent to Bid Form. The Bidder shall make no additional stipulations on the Intent to Bid Form or qualify their Bid in any other manner.

1.3.0 **FACILITIES/BUILDING WALKTHROUGH**

All Bidders are required to attend a mandatory walkthrough meeting at the facilities and buildings where the Self Provisioned Fiber (SPF) will be installed. The walkthrough meeting will begin promptly at the time specified whereby any/or all questions regarding the (SPF) project will be answered by the District. The walkthrough meeting is scheduled for **8:30A.M. on February 21, 2018 at Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville, MI 48836**. After meeting at the district headend location, all service providers will board a bus and be transported to various locations throughout the district to see the SPF routes and each building entrance.

2.0.0 **BIDDER INSTRUCTIONS**

2.1.0 **BID OPENING**

All Bid responses to this RFP must be in triplicate in a sealed opaque envelope labeled as follows: ***Self-Provisioned Fiber (SPF) - FY2018 USF Bid and 2:00 P.M., March 6, 2018. The bidder must also include an electronic copy of all bid materials on a flash drive as well as the paper copies.***

2.1.1 No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.

2.1.2 No Bids will be considered after 1:00P.M. on March 6, 2018.

2.1.3 The Bidder shall be responsible for the timely delivery of the Bid; the District shall not be liable to any Bidder for any delivery or postal delays and postmarking to the bid opening date will not substitute for receipt of the Bid

2.1.4 All timely submitted Bids received by the District will be opened at the Central Office, 7677 Sharpe Rd., Fowlerville, Michigan 48836 at **2:00 P.M., March 6, 2018** for recommendation to the Board of Education at a future regularly scheduled meeting.

2.1.5 If the District is closed due to unforeseen circumstances on the bid opening date, Bids will be due on the next day that the District is open.

2.2.0 **BID BONDS**

The Bidder shall submit a five percent (5%) Bid Bond, of the total base Bid price, made payable to **Fowlerville Community Schools**, with the sealed Bid. Any Bids received without a Bid Bond will be rejected by the District.

2.3.0 CLARIFICATIONS AND CORRECTIONS

Direct all questions regarding this RFP by email to: **Grace Damerow, Fowlerville Community Schools**, at: **damerowg@fowlervilleschools.org**. The resulting answers, along with the questions shall be forwarded to all Bidders who have properly submitted the Intent to Bid Form and posted on the USAC website.

2.4.0 GENERAL REQUIREMENTS

- 2.4.1 The District or its representatives shall not be held responsible for expenses incurred in the preparation or subsequent presentation of the Bid response.
- 2.4.2 This RFP for (SPF) is not an offer to enter a contract, but rather a solicitation for Bids.
- 2.4.3 The Bidder shall supply, upon request, samples and/or brochures of the proposed materials and equipment with the Bid.
- 2.4.4 The District reserves the unconditional right to reject any Bid submitted without a five percent (5%) Bid Bond, signed Bid Signature Page, Bill of Materials, Familial Disclosure Affidavit, Iran Linked Business Affidavit, and list of four (4) references.

2.5.0 BID IDENTIFICATION REQUIREMENTS

The Bid shall include the full legal name of the Bidder, its business address, telephone number, and a statement identifying the Bidder as a sole proprietorship, partnership, corporation, or other legal entity. A proprietorship shall state the full name of the proprietor, a partnership shall state the full names of the general partners, and a corporation shall identify the state in which it is incorporated. Each copy of the Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract.

- 2.5.1 The Bidder shall complete and submit, along with the Bid, a Bid Signature Page, Appendix B, in long hand, in ink, by an authorized representative.
- 2.5.2 The Bidder shall complete and submit, along with the Bid, a Bill of Materials, Appendix C, summarizing the details of the Bid.
- 2.5.3 The submitted Bid shall include a Familial Disclosure Affidavit form, Appendix D, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.4 The submitted Bid shall include a list of at least four (4) references, one (1) of which must be a school or school district, for similar work performed within the past three (3) years.
- 2.5.5 The Bid shall be accompanied by a sworn and notarized affidavit that represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Michigan Public Act No. 517 of 2012, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The Board of Education will not accept a Bid that does not include the sworn and notarized Iran Linked Affidavit, Appendix E. Bids in non-compliance with this request are subject to rejection.

2.6.0 BLUEPRINTS AND DRAWINGS

Blueprints and/or drawings of the facilities will be made available to the Bidder by the District in the following manner:

- 2.6.1 The District shall provide drawings associated with this project as part of this RFP. (Appendix I and J)

2.7.0 DEFINITIONS

The foregoing definitions are made available for this Request for Proposals (RFP) only.

- 2.7.1 **Alternate Bid** – An amount stated in the Bid to be added or subtracted from the amount of the Base Bid, if said change in the Scope of Work, method of construction and/or materials is accepted by the District.
- 2.7.2 **Base Bid** – The sum stated in the Bid for which the Bidder offers to perform the Scope of Work wherein work may be added or subtracted for sums stated in the Alternate Bid, if any.
- 2.7.3 **Bid(s)** – A complete and properly executed proposal to perform the Scope of Work, or designated portion thereof, for the sums stated within the Bid.

- 2.7.4 **Bidder(s)** – Business Entities and/or Person(s) submitting the Bid.
- 2.7.5 **District** – Fowlerville Community Schools
- 2.7.6 **Selected Vendor/Contractor** – The Bidder(s) receiving formal notice of acceptance of his/her Bid(s) and has been duly served by an officer *or* agent of the District duly authorized to give such notice.
- 2.7.7 **Self-Provisioned Fiber** – Wide Area Network (WAN) owned by the District.

3.0.0 GENERAL CONDITIONS

3.1.0 SUMMARY

The purpose of this Self-Provisioned Fiber RFP is to provide the necessary performance guidelines and criteria, bandwidth specifications, connectivity requirements, locations and timelines so that all potential Bidders may Bid their best solution(s) at the required USAC/SLD Lowest Corresponding Price (LCP) for E-rate reimbursements. Bidders shall adhere to all the technical requirements herein this RFP.

3.2.0 RIGHTS OF ACCEPTANCE OR REJECTION

The District's Board of Education reserves the unconditional right to reject any or all Bids in whole, or in part, and accept any Bid or portion of the Bid that, in their opinion, best serves the interests of the District.

3.3.0 QUALIFICATION OF BIDDERS

For the purpose of assuring the District of the quality of workmanship, materials, products and/or services, the Board of Education will retain the right and has complete discretion to qualify or disqualify any Bidders on the basis of available information concerning the Bidder's ability to perform as needed and the suitability of the products and/or services included in the Bid as described in sections 3.4.0 and 3.5.0. **Each Bidder, by submitting a Bid, represents that:**

3.3.1 The Bidder has read and understands all the Bid requirements, conditions and specifications contained herein.

3.3.2 The Bidder has the option to visit the District work site and familiarized themselves with the local conditions under which the work is to be performed during the scheduled building walk through.

3.3.3 The Bid is based upon the materials, systems and equipment described, without exception, in all Bid documents supplied by the District.

3.3.4 The Bidder who does not attend the walkthrough meeting as scheduled section (1.3.0 will be disqualified by the District's.

3.4.0 VARIANCE AND PRICE

Any variance from the specifications in section 8.0.0 of this RFP must be fully explained in writing by the Bidder. All prices quoted in the Bid must be on a unit price basis and include the total price. The price of an item or unit of a given product as promised in a Bid cannot be changed by the selected vendor/contractor provider regardless of whether the District changes the quantity of the item or unit needed.

3.5.0 MANUFACTURER(S) BRANDS/MODEL NUMBERS

The naming of a manufacturer(s), brand or model number will not be considered as excluding other brands or model numbers for purposes of later providing the products as promised in the Bid. Specifically, similar products with comparable construction, material and workmanship will be considered as equal. Notwithstanding, the Board of Education of the District has complete discretion to evaluate the merits of all Bids submitted and can take into consideration the brand and/or model numbers set forth in the Bids.

3.6.0 MANUFACTURER(S) SUBSTITUTIONS

Any substitution from the specified products and/or services by the manufacturer(s) is acceptable if at no additional cost to the District and approved by an authorized district representative prior to placing the order for said products and/or services. The District reserves the right to refuse any and all manufacturer(s) substituted products and/or services.

3.7.0 MANUFACTURER(S) DISCOUNTS

The District reserves the right to receive any and all manufacturer(s) price reductions, discounts or rebates that are received by the selected vendor/contractor for the specified products and/or services. The selected vendor/contractor agrees to pass any and all cost savings from the manufacturer(s) for the specified products and/or services to the District by way of a setoff of monies owed or refund of monies paid by the District.

3.8.0 CLEAN-UP

The selected vendor/contractor must, at all times, keep the premises free from accumulations of waste materials, caused by the work; and upon completing the work, must remove all work-related rubbish from and about the building(s) and must leave the work area broom clean, or its equivalent. In the case of a dispute, the District may remove the rubbish and charge the cost to the selected vendor/contractor.

3.9.0 ROYALTIES AND PATENTS

The selected vendor/contractor must pay for all royalties, copyright, trademark and patents and must defend all suits for claims or infringements on copyrights, trademarks and/or patent rights and shall indemnify and hold the District harmless from any and all claims and/or loss related to claims and/or infringements on copyrights, trademarks and/or patent rights, including reasonable attorney fees and costs incurred by the District.

3.10.0 ADDENDA

Any clarifications or modifications to the specifications for the RFP will be issued by the District in the form of an addendum. Any addendum issued during the bidding time will become part of the specifications and a copy will be sent to all Bidders as set forth in section 2.3.0.

3.10.1 No verbal statements by the District will be considered as binding or enforceable against the District.

3.10.2 No requests for clarifications or modifications will be processed within four (4) days immediately prior to the Bid opening date.

3.11.0 FEDERAL, STATE AND LOCAL TAXES

All products and/or services furnished by the selected vendor/contractor must comply with all applicable federal, state and local codes, and regulations. All Bids must include, and the selected vendor/contractor must pay, all taxes levied by the Federal, State, and Local Governments, on both labor and materials. The District reserves the right to require evidence of such tax payments prior to final payment of the contract. The District is exempt from Federal Excise and State Sales Taxes. To comply with these regulations, sales tax is not to be included in the Bid.

3.12.0 PROJECT IMPLEMENTATION

The selected vendor/contractor shall have sufficient resources to complete the project within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the Timeline Requirements in section 6.0.0 of this RFP.

3.13.0 NO DISCRIMINATION

The selected vendor/contractor and their subcontractors are required not to discriminate against any employee or applicant for employment, to be employed in the performance of the Bid, with respect to hire, tenure, terms, conditions or privileges of employment, because of race, color, religion, national origin, or ancestry or also because of age or sex, except based on a legitimate occupational qualification. Violation of this requirement may be regarded as a material breach of the Michigan Fair Employment Practices Act and may be subject to prosecution.

3.14.0 NO SMOKING POLICY

The District adheres to a mandatory no smoking policy on school premises and/or at school functions. All Bidders shall comply with this no smoking policy.

3.15.0 PRODUCTS AND SERVICES SPECIFICATIONS

It is the intent of the specifications in section 8.0.0 of this RFP to define the minimum acceptable quality of products and/or services. The product line must be of known quality from a nationally recognized manufacturer(s) who regularly advertises, promotes and distributes products and services to the school market.

3.16.0 VARIATIONS FROM SPECIFICATIONS

All variations from the specified products and/or services, section 8.0.0, must be fully explained and included with the Bid. Manufacturer(s) Brands must be used in all cases.

3.16.1 The District reserves the right to increase or decrease quantities, or modify the specifications.

3.16.2 The selected vendor/contractor shall agree to a written modification of the terms of its original Bid within five (5) business days of receiving written notification of the increase or decrease in quantities, or modification of the specifications.

3.17.0 PARTIAL BIDS

Partial Bids will be considered, where appropriate.

3.18.0 CANCELLATIONS

The District reserves the right of cancellation for non-performance of the terms specified in the awarded contract.

3.19.0 WITHDRAWAL OF BIDS

Upon presentation of proper identification, any Bidder may withdraw his/her Bid at any time prior to the scheduled Bid Opening date and time, section 2.1.0. No Bid shall be withdrawn for a period of ninety (90) days after the Bid Opening date and time.

3.20.0 BID EVALUATIONS

Considerations for awarding contracts will include price, product quality, service, delivery, and maintenance of products and/or services, adherence to specifications, past performance to the District, vendor/contractor reliability, warranties and familiarity with the projects and the facilities of the District.

3.20.1 It is the intent of the District to award the contract to the Bidder submitting the “best” cost effective Bid for the project; provided the Bid has been properly submitted and delivered, including all required documentation herewith, and considered reasonable in price.

3.20.2 Price being the primary factor, consideration, other than price alone, shall be used in determining the most successful Bid; technical experience, local service and support, and experience in educational environments are used to perform the District’s Bid evaluations.

3.20.3 The Board of Education of the District will evaluate the merits of all Bids submitted and reserves the unconditional right to accept or reject any or all Bids.

3.21.0 NOTICE OF AWARD

The Bidder will be deemed as having been awarded when the formal notice of acceptance of his/her Bid has been duly served upon the intended awardees by an officer, or agent, of the District duly authorized to give such notice.

4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS

4.1.0 IDENTIFICATION NUMBER

The service provider's USF Service Provider Identification Number (SPIN) *must* be included in the Bid. Direct all questions regarding the USF requirements in this RFP to the Universal Service Administrative Company (USAC), Schools and Library Division (SLD) at (888) 203-8100.

4.2.0 FY2018 FUNDING REQUESTS

The specified products and/or services are to be provided for FY2018 (July 1, 2018-June 30, 2019) and must qualify for universal service discounts under the FY2018 universal service support mechanism, E-Rate. The *E-rate Modernization Order* permits applicants to seek support for Category 2 eligible non-recurring services purchased on or after April 1, three months prior to the start of the funding year on July 1. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018.

4.3.0 UNIVERSAL SERVICE DISCOUNTS

The service provider contract is conditional upon the District receiving universal service discounts under the FY2018 universal service support mechanism, E-Rate. The District reserves the unrestricted right to reduce the contract amount by reducing the amount of services and/or products in order to meet budget requirements in the event the level of the universal service discounts is reduced. Any such reductions to the contract amount will be taken prior to the start of the specific work being reduced or eliminated on a given building and/or project.

4.4.0 UNIVERSAL SERVICE DISCOUNT IMPLEMENTATION

The District reserves the unrestricted right to specify the filing option for the universal service discounts for each product and/or service offered within a Bid: Billed Entity Applicant Reimbursement (BEAR) *or* Service Provider Invoice (SPI).

4.5.0 ELIGIBLE PRODUCTS AND SERVICES

The USF eligible products and/or services identified on the USAC FY2018 Eligible Services List, which is incorporated herein by reference, must be identified separately from any and all "ineligible" products and/or services in the Bid.

4.6.0 PROJECT FUNDING REQUIREMENTS

This project is entirely conditional upon receiving written notification in the form of a Funding Commitment Decision Letter from the USAC/SLD that the District has been approved for E-Rate Funding. If the District receives less than the full E-Rate Funding for which it applies, the District has the unrestricted right to reduce the number of units and services in the accepted Bid. In the event that E-Rate Funding is not available for the accepted Bid, District, in its discretion, may cancel and/or modify the Scope of Work (SOW) and subsequent purchases requested in this RFP.

4.7.0 LOWEST CORRESPONDING PRICE

Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular E-rate applicant for similar services. Service Providers cannot charge E-rate applicants a price above the Lowest Corresponding Price (LCP) and must actually charge the rate that is the LCP, not just offer the LCP in the Bid. In addition, promotional rates offered by a Service Provider for a period of more than 90 days must be included among the comparable rates upon which the LCP is determined.

5.0.0 SCOPE OF WORK

5.1.0 GENERAL DESCRIPTION

The general description of the Scope of Work (SOW) for this project is to provide the District with a Self-Provisioned Fiber (SPF) system at six (6) buildings connecting back to Fowlerville Junior High School. The SOW consists of providing the labor, equipment, supplies and materials, and all operations necessary for the successful design and installation of a fully-functional, outside fiber optic network, in accordance with the specifications and the accompanying drawings included herewith this RFP. The select vendor shall install **12 strands of fiber optic cable** to each location. The selected vendor/contractor shall not be required to install any fiber patch cables nor connect any network electronics to the fiber optic network. In addition to the forgoing SOW, all Bids must comply with all sections of this RFP and the Products and Services Specifications set forth in sections 8.0.0 through 10.0.0.

5.2.0 SPF SITE LOCATIONS

5.2.1 The District shall provide any available documentation regarding each buildings engineering and end-point terminations, where applicable in this RFP.

| Building Name | Address | City | State | Zip |
|-----------------------------------|---------------------|-------------|-------|-------|
| Fowlerville Junior High School | 7677 Sharpe Road | Fowlerville | MI | 48836 |
| Fowlerville High School | 700 N. Grand Ave. | Fowlerville | MI | 48836 |
| H.T. Smith Elementary School | 440 N. Hibbard St | Fowlerville | MI | 48836 |
| Natalie Kreeger Elementary School | 430 N. Hibbard St. | Fowlerville | MI | 48836 |
| Max Bessert Trans. Complex | 7611 Sharpe Rd | Fowlerville | MI | 48836 |
| Maintenance Building | 7577 West Sharpe Rd | Fowlerville | MI | 48836 |
| John S. Munn Middle School | 450 N. Hibbard St. | Fowlerville | MI | 48836 |

5.3.0 PROPOSED SPF ROUTES/PERMITS

5.3.1 The District has already identified the potential route(s) for the SPF, Appendix I.

5.3.2 The selected vendor/contractor shall verify the viability of the route(s) and in the case of any changes or revisions, promptly notify the District of the proposed changes and any alternative(s).

5.3.3 The selected vendor/contractor shall provide the engineering and permitting for constructing the route(s) proposed by the District. Also, the District will consider alternative routes and will choose the most cost effective route in accordance with E-rate program guidance.

5.3.4 The selected vendor/contractor shall field the proposed route(s) to obtain footages, anchor locations, underground routing, etc., and any information necessary to fulfill the permit application requirements of all utilities and/or municipalities associated with the route(s).

5.3.5 The selected vendor/contractor shall overlay the fiber optic design onto routes, including FOC strand count(s), storage locations, and splice locations.

5.3.6 The selected vendor/contractor shall complete, submit, and follow-up until approval, all permit applications to the necessary authorities. In cases where access to certain permit authorities are required by the District (i.e. MDOT), the District shall work with the selected vendor/contractor to grant such access, as necessary.

5.4.0 SELECTED VENDOR/CONTRACTOR RESPONSIBILITY

It shall be the responsibility of the selected vendor/contractor to provide the configuration and system quantities to all locations stated herein. The intentional or accidental omission of necessary component(s) or system(s) shall require the selected vendor/contractor to supply said missing component(s) or system(s) at no cost to the District. The District and any Consultants associated with this RFP are not responsible for any omission, failure to detect any requirement, or any other condition required to complete the Scope of Work. **The awarded Bidder shall:**

5.4.1 Meet jointly with representatives of the District to exchange information and agree on details of equipment arrangements and installation interfaces for a Self-Provisioned Fiber (SPF) project.

5.4.2 Have sufficient resources to complete the SOW within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to complete the SOW within the specified timeframe.

- 5.4.3** Furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the (SPF) system installed at the District.
- 5.4.4** Install all cable in accordance with the Product and Services Specifications and/or manufacturer's recommendations and best industry practices.
- 5.4.5** Develop and submit for approval a labeling system for the cable installation. At a minimum, the labeling system shall clearly identify all components of the system; racks, cables, panels, and outlets.
- 5.4.6** Install a fire stop system in accordance with the specifications and/or manufacturer's recommendations which shall be completely installed and available for inspection by the local inspection authorities prior to (SPF) system acceptance, section 8.6.0.
- 5.4.7** Provide a written guarantee/warranty covering the installed (SPF) system against defects in workmanship, components, and performance, and follow-up support after project completion for a period of three (3) years.

6.0.0 TIMELINE REQUIREMENTS

6.1.0 PROJECT TIMELINE

The selected vendor/contractor shall have sufficient resources to complete the SOW, section 5.0.0, within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the timeline requirements for completing the entire project. The District is expecting the project to be completed in accordance with the following Project Timeline:

| | |
|--|----------------------------------|
| RFP available on-line <i>or</i> for pickup | [February 6, 2018] |
| Drawings are included as part of this RFP | [February 6, 2018] |
| Walk Through..... [8:30 a.m.]..... | [February 21, 2018] |
| Sealed Bids Due | [1:00 p.m.]..... [March 6, 2018] |
| Sealed Bids Opened | [2:00 p.m.]..... [March 6, 2018] |
| Board Approval | [March 13, 2018] |
| Sign Contracts/approve Implementation Schedule | [March 16, 2018] |
| Installation Begins | [July 1, 2018] |
| Installation Complete | [August 15, 2018] |

6.2.0 SCOPE OF WORK SCHEDULES

If or when the school buildings specified in the SOW are occupied with students and school is in session, the selected vendor/contractor is expected to perform the project after school hours and without any additional costs to the District. Areas of the school buildings that are otherwise unoccupied with students and whereby instruction is not disturbed, the selected vendor/contractor may perform the SOW with prior written authorization from the District.

6.3.0 PROJECT IMPLEMENTATION SCHEDULES

All Bidders shall provide the District with a project implementation schedule that adheres to the timeline requirements stated above, section 6.1.0. Further, the project implementation schedule must demonstrate that the selected vendor/contractor has the means and capability to complete the SOW without disruption to school building instruction, activities and meetings. This said project implementation schedule must be agreed upon by both the vendor/contractor and the District and shall be incorporated as part of the awarded contract.

7.0.0 AWARDED CONTRACT REQUIREMENTS

7.1.0 CONTRACT EXECUTION

The Bidder shall render, deliver and execute the awarded contract within ten (10) days of being notified that the Bid is accepted and that the selected vendor/contractor is awarded a contract to perform the SOW in accordance with all terms and conditions contained herein. The awarded contract must be SIGNED and DATED by both the District and the awarded vendor/contractor prior to start of any work and in compliance with, section 4.6.0.

7.2.0 SEPARATE CONTRACTS

The District reserves the unrestricted right to award different portions of the project, as broken out in the Bill of Materials, Appendix C, to separate vendors/contractors as separate contracts. Said separate contracts shall be based on the District's evaluation and interpretation of the "most cost effective" means for the District to complete the SOW for this project.

7.3.0 CHANGES TO SCOPE OF WORK

The District, without invalidating the Contract, may order changes within the SOW consisting of additions, deletions, and/or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All said changes in the SOW shall be authorized by written "Change Order(s)", signed by the District, and will be executed under applicable condition of contract documents.

7.3.1 The Contract Sum and The Contract Time may be changed only in writing.

7.3.2 The cost or credit to the District from all "Change Order(s)" shall be determined by mutual, written, agreement.

7.3.3 The District will not pay invoices for work performed by verbal authorization.

7.4.0 PERFORMANCE BOND REQUIREMENTS

The Bidder shall furnish a Performance Bond covering the faithful performance of the awarded contract and a labor and material payment Bond in the TOTAL amount of the Bid in such form and with such sureties as the District shall approve, which such approval will not be unreasonably withheld. If the selected vendor/contractor defaults, neglects or fails to perform any provisions of the awarded contract, the District may, at its discretion, and after seven (7) days written notice to the selected vendor/contractor, notify the bonding company that the selected vendor/contractor is in default.

7.4.1 The selected vendor/contractor shall provide, and present with the sealed Bid, a bid bond or cashier's check in the amount equaling five percent (5%) of the Bid total.

7.4.2 The selected vendor/contractor shall provide, and maintain in force, a bond with surety, and on forms approved by the District in the amount of one-hundred percent (100%) of the contract amount that the selected vendor/contractor shall promptly and faithfully perform all obligations under the awarded contract.

7.4.3 The selected vendor/contractor shall provide and maintain, in force, a bond with Surety and on forms approved by the District that selected vendor/contractor shall make payment to all claimants for all labor and material used or reasonably required for use in the performance of the awarded contract.

7.4.4 All selected vendor/contractor's bid bonds shall include such provisions as will guarantee the faithful performance of the prevailing State of Michigan hourly wage.

7.4.5 Final Bid price may not exclude costs to secure or hold performance or bid bonds.

7.5.0 TERMINATION OF AWARDED CONTRACTS

If the selected vendor/contractor defaults or neglects to carry out the SOW and sections referenced therein, in accordance with the awarded contract and/or fails to perform any provision of the awarded contract, the District may, after seven (7) days' written notice to the selected vendor/contractor and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the selected vendor/contractor or, at its option, may terminate the awarded contract and take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the selected vendor/contractor and may finish the project by whatever method it may deem expedient. If such expense exceeds such awarded contract price, the selected vendor/contractor shall pay the difference to the District.

7.6.0 EMPLOYMENT PRACTICES

The selected vendor/contractor, by signing a contract, agrees to comply with the provision of the State of Michigan policy regarding "Non-Discrimination of Employment", section 3.12.0.

The selected vendor/contractor shall also:

- 7.6.1 Pay prevailing wage to all employees on this project, where applicable, Appendix F.
- 7.6.2 Provide all selected vendor/contractor employees with picture ID.
- 7.6.3 Upon arrival and departure, have all employees sign in and out at the main office for each school building location.
- 7.6.4 Supply the District, by email, weekly work schedules no later than the Wednesday of the preceding week. Failure to do so may result in the schedule being rejected by the District.

7.7.0 SELECTED VENDOR/CONTRACTOR PERFORMANCE

The selected vendor/contractor will be responsible for construction means, methods, techniques, sequences or procedures, and safety precautions and programs in connection with the SOW, section 5.0.0, and the Timeline Requirements, section 6.0.0. **The selected vendor/contractor shall also:**

- 7.7.1 Provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for proper execution and completion of the SOW.
- 7.7.2 At all times enforce strict discipline and good order among its employees and shall not employ any unfit person or anyone not skilled in the tasks assigned to them.
- 7.7.3 Give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority bearing on the performance of the work performed.
- 7.7.4 Be responsible for the acts and omissions of all his employees and all Subcontractors, if any, their agents and employees and all other persons performing any of the work under a contract with the selected vendor/contractor.

7.8.0 SUBCONTRACTOR PERFORMANCE

A Subcontractor is a person, firm, company or corporation who has a contract with the Bidder to perform any work for completing the project. The awarded Bidder shall be responsible for the actions, inactions, and work performed by the subcontractor. Contracts between the Bidder and the subcontractor shall be in accordance with the terms of the awarded contract by the District to complete the SOW, section 5.0.0. The selected Bidder shall furnish to the District, in writing, a list of any/all subcontractors proposed to perform any part or portion of the SOW to complete the project. The selected Bidder shall not employ any subcontractor to whom the District objects and may withdraw their Bid or submit an acceptable substitute.

7.9.0 SUPPLEMENTAL INFORMATION REQUESTS

The Bidder shall be prepared to provide the District, within ten (10) days of being notified of the awarded contract, the names of the suppliers for the equipment and materials used to complete the work. **The District may request all Bidders to also submit, within ten (10) days of being notified, the following:**

- 7.9.1 The Bidder's performance record(s).
- 7.9.2 An itemized list of the Bidder's equipment, plant and personnel.
- 7.9.3 The Bidder's financial statement(s).
- 7.9.4 A description of any project, which the Bidder has completed in a satisfactory manner.
- 7.9.5 Any additional information that will satisfy the District that the Bidder is adequately situated and able to fulfill the terms of the proposed contract.
- 7.9.6 A description of any other project(s) that will be performed simultaneously with the District's project(s).
- 7.9.7 A statement regarding any past, present or pending litigation for contracted products and services.

7.10.0 INSPECTIONS

The District and its agents have the right to inspect the selected vendor/contractor's work periodically to determine that proper materials were used and that the progress and quality of work completed is in accordance with the contract.

- 7.10.1** Prior to the start of the SPF project, the selected vendor/contractor will have materials on site and available for inspection by the District's designated authorized representative. All cable reels must be inspected by an authorized representative of the District prior to installation.
- 7.10.2** All equipment used for the SPF project must be compliant with the specified part numbers contained in the successful Bid.
- 7.10.3** Prior to completion of the work, all ceiling tiles will be left open until the District has inspected the work. After said inspections, the selected vendor/contractor will replace all ceiling tiles.

7.11.0 INVOICE/PAYMENT REQUIREMENTS

Invoicing for payment(s) will be made 100% upon completion of the SOW and acceptance by the District. All invoices must comply with the USF E-Rate Conditions, section 4.6.0. No invoices will be DATED or PAID before July 1, 2018. **Payments will be paid NET 30 days AFTER:**

- 7.11.1** Acceptance by the District of "AS-BUILT" drawing(s) in **both** paper and electronic copy per section 10.2.0.
- 7.11.2** After installation of the SPF and each single mode fiber strand is tested per section 8.5.0
- 7.11.3** When applying for payments, the selected vendor/contractor shall submit to the District an itemized invoice based upon the installation schedule and supporting documentation required herein.
- 7.11.4** The project shall be considered complete when the SOW has been completed, accepted by the District and the following items are furnished; a) required guarantees, b) test documentation, and c) waivers of lien submitted showing all payrolls, material bills and other indebtedness connected with the project have been paid. The selected vendor/contractor must submit both a) and b) before the final payment is requested.
- 7.11.5** Payment may be withheld by the District for; a) defective work not remedied, b) claims filed and unresolved, c) failure of the selected vendor/contractor to properly pay for labor, materials or equipment, or proper payment to Subcontractors, and/or d) damages to the District or another Contractor.

7.12.0 GUARANTEES

The selected vendor(s)/contractor(s) must furnish the District a written guarantee of the services and/or products provided to the district for, at least, three (3) years after the final payment covering all workmanship and materials specified in the contract. Any defects in workmanship or materials for which a claim is submitted by the District within the three (3) year period must be corrected or replaced within thirty (30) days.

7.13.0 WARRANTIES

The selected vendor/contractor(s) must furnish the District written warranty documentation. This warranty documentation shall include cable and connectivity components and have one (1) point of contact person for all (SPF) system issues, where applicable.

- 7.13.1** The selected vendor/contractor must warranty that all materials and supplies incorporated within the Bid, is new, unless otherwise specified, and that all work performed will be of good quality, free from faults and defects, and in adherence to the Product and Services Specifications in this RFP.
- 7.13.2** The warranty shall provide a complete system warranty to guarantee an end-to-end high performance (SPF) system that meets the system application requirements. The (SPF) system shall be warranted under this provision for three (3) years.
- 7.13.3** If the manufacturer repairs any product under the warranty, they may use new or reconditioned replacement parts. If the manufacturer replaces the product under the warranty, they may replace it with a new or reconditioned product of similar or same design.
- 7.13.4** Any such repairs or replacement by the manufacturer will be warranted for either a) ninety (90) days or b) the remainder of the original three (3) year warranty period, whichever is longer.

7.14.0 CORRECTION OF WORK

The selected vendor/contractor shall correct any work that fails to conform to the requirements of the awarded contract where such failures or any defects is due to faulty materials, equipment or workmanship which appear within a period of three (3) years from the date of completion of the contract *or* within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract. These provisions apply to all work performed by employees of the selected vendor/contractor and any Subcontractors.

7.15.0 RIGHT TO REJECT OR STOP THE WORK

The District may reject work which does not conform to the Bid or awarded contract specifications. If the selected vendor/contractor fails to correct any defective work or fails to supply labor, materials, or equipment in accordance with the specifications of the awarded contract, the District may order the selected vendor/contractor to stop all work, or any portion thereof, until the cause for such order has been eliminated.

7.16.0 INDEMNIFICATION

The selected vendor/contractor shall indemnify and hold harmless the District and its agents and employees from and against all claims, damages, losses and expenses including attorneys' fee arising out of or resulting from the performance of the project; provided that any such claim, damage, loss or expense is attributable to a) bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting from and b) is caused in whole or in part by any act or omission of the selected vendor/contractor, and/or Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. In any and all claims against the District or any of its agents or employees, by any employee of the selected vendor/contractor, and/or Subcontractor, anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the selected vendor/contractor and/or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

7.17.0 FORCE MAJEURE

Except for the District's obligation to pay the selected vendor/contractor, neither party shall be liable for any failure to perform its obligations under the awarded contract or any SOW if prevented from doing so by a cause or causes beyond its control, including without limitations, acts of God or public enemy, failure of suppliers to perform, fire, floods, storms, earthquakes, riots, strikes, war, and restraints of government.

7.18.0 LIABILITY REQUIREMENTS

The selected vendor/contractor shall be responsible for initiation, maintaining, and supervising all safety precautions and programs in connection with the project. The selected vendor/contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to 1) all employees on the project and other persons who may be affected thereby, 2) all the SOW and all materials and equipment to be incorporated therein, and 3) other property at the site or adjacent thereto.

7.18.1 The selected vendor/contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss.

7.18.2 All damage or loss to any property caused in whole or in part by the selected vendor/contractor, any Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the selected vendor/contractor, except damage or loss attributable to the fault or negligence of the District.

7.19.0 INSURANCE REQUIREMENTS

No work connected with this project may start until the selected vendor/contractor has submitted a Certificate of Insurance executed by the selected vendor/contractor's insurance carrier showing required insurance coverage **and Fowlerville Community Schools is named as additional insured on said policy**. An endorsement or statement waiving the right of cancellation or reduction in coverage, unless thirty (30) days prior written notice is given to the District by registered or certified mail, shall be included. **As a condition of performing work as a vendor/contractor, you must provide the District with satisfactory evidence of insurance coverage's as follows:**

7.19.1 Workers Compensation and Employer's Liability Insurance covering your statutory obligations in the State of Michigan.

7.19.2 Automobile Liability Insurance with a limit of \$1,000,000 per accident covering your owned, non-owned and hired automobiles.

7.19.3 Commercial General Liability Insurance written on an OCCURRENCE policy form includes coverage's for your operations, personal injury, XCU (explosion, collapse and underground), independent Contractors, contractual and products-completed operations with limits of liability as follows:

7.19.3.1 If your policy is written on the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence

\$2,000,000 General Aggregate

\$2,000,000 Product-Completed Operations Aggregate

If your policy's general aggregate is per job, then a \$1 million limit of liability is acceptable for the general aggregate and the products-completed operations aggregate.

7.19.3.2 If your policy is written on a form other than the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence (bodily injury & property damage combined)

\$1,000,000 Aggregate (applicable to products-completed operations only)

7.19.3.3 Products-completed operations liability must be maintained for not less than one (1) year after acceptance of completion of your work.

7.19.4 Evidence of your insurance coverage's, required herein, is to be provided to the District on Accord Certificate form 25 or 25-S and must indicate the following:

7.19.4.1 That your Commercial General Liability insurance policy includes coverage's for items specified in 7.19.3 above.

7.19.4.2 A "Best" rating for each of your insurance carriers at B+ VII or better.

7.19.4.3 That the words "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" do not apply or have been removed.

7.19.4.4 That Fowlerville Community Schools are additional insured on the General Liability policy certificate.

7.19.4.5 Any deviations in coverage provided by the Standard 1986 ISO Simplified General Liability policy form, and any deductible over \$1,000 applicable to any coverage.

7.19.4.6 General Liability and Auto Liability limits may be attained by individual policies or by a combination of underlying policies with umbrella and/or excess policies.

7.19.4.7 The District does not carry theft, glass breakage, or builders risk insurance. The selected vendor/contractor will make arrangements if these coverage's are desired. The selected vendor/contractor must provide an Installation Floater for the value of the contract to protect the District. The selected vendor/contractor must furnish to the District, a binder certifying each insurance policy required.

7.20.0 MISCELLANEOUS CONTRACT PROVISIONS

The awarded contract will be governed by the laws of the State of Michigan. The selected vendor/contractor shall not assign the contract or sublet it or portions thereof without the written consent of the authorized District representative.

PRODUCTS AND SERVICES SPECIFICATIONS

8.0.0 SELF-PROVISIONED FIBER (SPF) SPECIFICATIONS

8.1.0 INTRODUCTION

These Products and Services Specifications provide the Bidder with the requirements for an end-to-end Self-Provisioned Fiber (SPF) system that includes all necessary engineering, permitting, materials, installation equipment, services, configuration, coordination, installation, testing, documentation, and warranties requested by the District in this RFP. The intent of the (SPF) specifications is to provide relevant information that allows the Bidder to bid the engineering, permitting, labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables to install a complete (SPF) system.

- 8.1.1** The selected vendor/contractor is responsible for proposing any/all items required for a complete (SPF) system even though it may not be identified in the specifications incorporated herein, drawings and/or Bill of Materials, Appendix C, attached with the Bid.
- 8.1.2** The successful Bidder shall meet or exceed all requirements for the (SPF) system described in this RFP and any Bid attachment documents provided by the District.
- 8.1.3** If, for any reason, any Bid attachment document is in conflict with the details in the specifications herein this RFP, the forgoing written specification shall take precedence.

8.2.0 APPLICABLE DOCUMENTS

The (SPF) system described within the specifications is derived, in part, from the recommendations in industry standard manuals and documents. The Bidder is responsible for determining and adhering to the most recent release of applicable documents when developing their proposal for the (SPF) installation. The following list of applicable documents has influence on the desired (SPF) system and incorporated herein by reference.

- 8.2.1**
 - 1) All technical specification and associated drawings provided by the District
 - 2) Local Building, Fire, and Right-of-Way Codes, along with Utilities specifications.
 - 3) BICSI's Information Technology Systems Installation Methods Manual (ITSIMM) 6th edition
 - 4) BICSI's Telecommunications Distribution Methods Manual (TDMM) 13th Edition
 - 5) National Fire Protection Agency (NFPA) - 70, National Electrical Code (NEC) – 2018
- 8.2.2** If a conflict exists between the applicable documents, then the aforementioned numeric list of applicable documents shall dictate the order of precedence in resolving such conflicts. This order of precedence shall be maintained unless a lesser order document has been adopted as code by a local, state, or federal entity. If a conflict further exists, documents adopted as code shall take precedence.
- 8.2.3** If the specifications incorporated herein and any of the aforementioned applicable documents are in conflict with each other, then the more stringent requirement shall apply. All applicable documents listed are, to the best of the District's knowledge, considered to be the most current releases of said documents.

8.3.0 PURPOSE AND BIDDER RESPONSIBILITIES

The intent of these (SPF) specifications is to make available to all Bidders a standard specification for (SPF) installation(s) in all K-12 educational facilities identified in the SOW, section 5.0.0.

- 8.3.1** The (SPF) specifications identify the minimum performance criteria for the components and sub-systems encompassing a complete (SPF) system that shall accommodate the District's Infrastructure Requirements, section 5.3.0.
- 8.3.2** The product specifications, general design considerations, and installation guidelines are incorporated herein this RFP.
- 8.3.3** Typical installation details, cable routing and outlet types for the specific educational facilities will be provided by the District herein this RFP.
- 8.3.4** The successful Bidder is required to furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the (SPF) system installed at the District.

- 8.3.5** The forgoing specifications define the (SPF) system and subsystem components including cable, termination hardware, supporting hardware, and miscellany required to furnish and install a complete (SPF) system supporting data and fiber.

8.4.0 SELF-PROVISIONED FIBER (SPF) SYSTEM REQUIREMENTS

Fiber strands are to be 9/125-micron, single mode, Corning SMF-28E or equivalent. The optical fiber cable will be of loose tube (filled or water blocking tape), single jacket/single armored construction for all applications. There is existing conduit that is already in place. If it is determined that additional conduit is needed it shall be installed in 1.25" outdoor grade conduit. The maximum allowed fiber attenuations shall be .35/.25 dB/km at 1310/1550 nm. The attenuation shall not vary by greater than 0.10 dB/km across the operating temperature range of the cable (measured at 1300 nm). In addition, the selected vendor/contractor shall adhere to all the following (SPF) system specifications.

- 8.4.1 Fiber Cable Reels** - The selected vendor/contractor shall supply a copy of the factory test results for each reel to the District. If there is visible damage to the reel, and the reel is accepted at delivery, the selected vendor/contractor shall be responsible for ensuring that the integrity of the fiber strands has not been compromised.

8.4.1.1 All cable must be new from the manufacturer. Re-reeled cable shall not be accepted.

8.4.1.2 All cable splicing shall be of fusion type. Mechanical splices will not be accepted. Maximum estimated loss to be no greater than .05dB. All splices must be recorded for estimated loss and results presented to the District.

- 8.4.2 Facilities Environment** - Each building identified in the SOW, section 5.0.0, has one (1) Main Distribution Facility (MDF) room. All fiber cable(s) will be rack mounted in these MDF locations.

8.4.2.1 It is recommended that each Bidder visits each facility to confirm the SOW conditions, per section 1.3.0.

8.4.2.2 Bidders may request, from the District, a copy of the blueprints and/or drawings, per section 2.6.0.

8.4.2.3 All proposed building entrances and interior routes are to be coordinated with, and approved by a representative for the District

8.4.2.4 All above-grade entrances will 2.0" or larger PVC conduit, with appropriate LB's and clamps/straps as needed to secure the conduit to the building. All entrance penetrations will be sealed to avoid moisture from entering the building.

8.4.2.5 All below-grade entrances will be sealed to avoid moisture from entering the building.

8.4.2.6 The selected vendor/contractor is responsible for coring and sleeve installation through walls as necessary to route fiber optic cable into the designated facilities.

8.4.2.7 All interior cable will be routed through flex plenum-rated duct from entrance point to the building MDF. The selected vendor/contractor will be responsible for installing pathway(s) if it's not currently present.

8.4.2.8 The selected vendor/contractor is responsible for fire stopping both sides of any penetrations they install in walls intended for the new fiber optic cable. (section 8.6.0)

8.4.2.9 All interior routes that are 50' or longer from the entrance point will require the fiber cable to be transitioned to plenum-rated interior cable. Outdoor or indoor/outdoor-rated cable will not be accepted for lengths exceeding 50'.

8.4.2.10 The selected vendor/contractor will abate any existing cable in each building, where applicable, and will properly dispose of such cable at the selected vendor/contractors' expense.

- 8.4.3 Outdoor Splice Capsules** - All outdoor splice capsules shall be hung from the strand with proper brackets, and tail(s) shall be secured to the strand. Any return bends in the cable(s) shall be stored in sno-shoes of the proper size to meet the cable manufacturer's minimum bend radius.

- 8.4.3.1 Locations involving cables of 48 strands as the largest: Use CommScope 450B6, Preformed/Coyote PUP 8006622 or other approved equivalent.
- 8.4.3.2 Locations involving cables of 49-144 strands as the largest: Use CommScope 450D6, Preformed/Coyote Dome 8006877 or other approved equivalent.
- 8.4.3.3 All capsules shall contain sufficient and proper trays to hold single-fusion, heat shrunk splices and for the storage of unused buffer tubes (if applicable). Splices will be held in place by manufacturer provided receptacles. RTV, tape, or other non-standard method will not be accepted.
- 8.4.3.4 The selected vendor/contractor shall not be required to install any fiber patch cables nor connect any network electronics to the fiber optic network.
- 8.4.4 **Termination Shelves** - All indoor fiber termination shelves to be rack-mounted, with strain relief for the cable(s) to be terminated, and trays/brackets for the proper storage of single-fusion, heat shrunk splices. All connector panels shall be SC-type single-mode, blue in color. All termination shelves shall be clearly labeled.
 - 8.4.4.1 All strands to be terminated shall be manufactured 1-meter single-mode pigtails with SC-type connector fusion spliced to the strand. No mechanical or epoxy/polished connectors attached directly to the strands will be accepted.
 - 8.4.4.2 A storage coil of cable, 20' minimum in length, shall be left as close to the termination shelf as possible. Coil shall be no smaller than the cable manufacturer's minimum bend radius, and shall be neatly attached with clamps or brackets as needed. Locations involving terminations of 0-24 strands, the shelf shall be 1RU in height. Locations involving 25-144 terminations, the shelf shall be 4RU in height.
- 8.4.5 **Fiber Installation** - Installation of the fiber optic cable shall be in strict compliance with the manufacturer's recommendations.
 - 8.4.5.1 Mechanical aids may be used, provided a tension-measuring device is used at the end of the cable and does not exceed the manufacturer's recommended pulling tension.
 - 8.4.5.2 Cable pulling lubricant recommended by the manufacturer shall be used when installing fiber in conduit.
 - 8.4.5.3 The selected vendor/contractor shall, at their own expense, replace any cables that have had excess strain and tension applied to them, or otherwise damaged during installation.
- 8.4.6 **Aerial Construction** – There is no aerial construction for this RFP.
- 8.4.7 **Underground Construction** - All underground conduit(s) shall be 1.25" SDR11 HDPE, orange in color, unless otherwise specified.
 - 8.4.7.1 All conduit is currently existing.
 - 8.4.7.2 All conduit(s) shall be installed via horizontal directional boring.
 - 8.4.7.3 All conduit(s) shall be placed at a minimum 36" depth or deeper, depending on permitting authority's requirements.
 - 8.4.7.4 A locate/tracer wire will be placed along with all underground conduit(s). Wire to be 14 gauge, insulated, stainless steel.
 - 8.4.7.5 All conduit splices shall be of the approved type and size for the conduit. Tape, or any other non-mechanical type of splice is not acceptable.
 - 8.4.7.6 All underground "vaults" must meet the following specifications: 17" x 30"x 24" polymer concrete enclosure w/15K load rated single piece lid unless otherwise required. The lid shall be marked "FIBEROPTIC" Recommended Manufacturer: Quazite PD2436BB26/PG2436HA00 or *equivalent*.
 - 8.4.7.5.1 Vaults are to be placed every 650' +/- of linear underground route.

8.4.7.5.2 Underground cable storage will be placed in each vault, and shall be 100' in length. In/out footage identification numbers and total storage length shall be recorded.

8.4.7.7 A pull line or mule tape shall be left in all conduit(s) after cable installation for any future installation(s).

8.4.7.8 The selected vendor/contractor shall be responsible for all cleanup and restoration of areas disturbed during construction.

8.4.7.9 The selected vendor/contractor shall be responsible for calling in all locate requests through the MISS DIG system, and recording all ticket numbers for those requests.

8.5.0 SELF-PROVISIONED FIBER (SPF) SYSTEM TESTING

All cables and termination hardware shall be 100% tested by the selected vendor/contractor for defects in installation and to verify cable performance under installed conditions. All conductors of each installed cable shall be verified useable by the selected vendor/contractor prior to system acceptance. Any defect in the (SPF) system installation including but not limited to cable, connectors, feed through couplers, patch panels, and connector blocks shall be repaired or replaced to ensure 100% useable conductors in all cables installed.

8.5.1 The District shall be notified prior to all testing procedures so that they may attend.

8.5.2 All cables shall be tested in accordance with the specifications contained herein and/or best industry standards and practices.

8.5.3 If any of these specifications are in conflict, the selected vendor/contractor shall be responsible to bring any discrepancies to the attention of the project team for clarification and/or resolution.

8.5.4 After installation, each single mode fiber strand will be tested at 1310 nm and 1550 nm.

8.5.4.1 All single mode optical fiber cable will be tested with an Optical Time Domain Reflectometer (OTDR).

8.5.4.2 All event thresholds will be set and tested at .01 dB.

8.5.4.3 All attenuation tests shall be performed with a laser optical power meter at 1310 nm and 1550 nm.

8.5.4.4 All terminated strands will be tested bi-directionally utilizing a 100 meter launch cable to ensure that all connectors and splices are accurately measured.

8.5.5 Test documentation shall be provided in an electronic media per the System Documentation specifications, section 10.0.0, within (3) three weeks after completing the (SPF) project.

8.6.0 FIRE STOP SYSTEMS

A fire stop system is comprised of: the item or items penetrating the fire rated structure; the opening in the structure and the materials and assembly of the materials used to seal the penetrated structure. Fire stop systems comprise an effective block for fire, heat, vapor and pressurized water stream.

8.6.1 All penetrations through fire rated building structures (walls and floors) shall be sealed with an appropriate fire stop system. This requirement applies to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure).

8.6.2 Any penetrating items i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. shall be properly fire stopped.

8.6.3 Fire stop systems shall be UL Classified to ASTM E814 (UL 1479) and shall be approved by a qualified Professional Engineer (PE) licensed in the state where the work is to be performed. A drawing showing the proposed fire stopped system, stamped/embossed by the cognizant PE shall be provided to the District's Technology Director prior to installing the fire stop system(s).

8.6.4 All fire stop systems shall be installed in accordance with the manufacturer's recommendations and shall be completely installed and available for inspection by the local inspection authorities prior to (SPF) system acceptance.

8.7.0 MAKE READY FEES AND PERMIT COSTS

The selected vendor/contractor shall provide the engineering and permitting for constructing the route(s) proposed by the District.

8.7.1 The SPF project is all within the Fowlerville Community Schools properly so there are no make ready fees or permit cost.

9.0.0 SELF-PROVISIONED FIBER (SPF) MAINTENANCE REQUIREMENTS

The District will require on-going maintenance and operations of the SPF. When pricing maintenance and operations, the Bidder shall include an overview of the fiber maintenance practices including:

9.0.1 Schedule and perform routine maintenance and inspections.

9.0.2 Perform Fiber monitoring including information on what fiber management software is used, what fiber monitoring system is used, and who performs the monitoring.

9.0.3 Scheduled maintenance windows and scheduling practices for planned outages.

9.0.4 Handling of unscheduled outages and customer problem reports.

9.0.5 Contact the assigned district representative before any dig location services are performed.

9.0.6 Repair and/or replace damage fiber or fiber that no longer meets specifications.

9.1.0 (SPF) SYSTEM TAGGING

The selected vendor/contractor will provide and install identification tags of all exterior (Outside Plant) cables. Such tagging will be done to the following specifications, unless superseded by local utility or municipality requirements

9.1.1 Preferred product is William Frick Co “Cable Clipper”, or other approved equivalent.

9.1.2 For Underground applications, one (1) tag will be placed at every vault location.

9.1.3 At building entrances, one (1) tag will be placed inside closest to the entry point as practicable.

10.0.0 SELF-PROVISIONED FIBER (SPF) DOCUMENTATION

The following sections describe the minimum installation, administration, testing, and as-built documentation required from and/or maintained by the selected vendor/contractor during the entire (SPF) installation project.

10.0.1 Drafting all route information into base .dwg file(s) and creating base maps in .dwg (AutoCAD) format.

10.0.2 Create charts for all splice and termination locations. The charts shall include location name, closure type, cable strand counts and footage identifiers, date(s) of splicing activity, and estimated splice loss.

10.0.3 Copies of all the test results will be provided to District upon completion per section 10.3.0.

10.1.0 (SPF) SYSTEM LABELING

The selected vendor/contractor shall develop and submit for approval by the authorized District representative a labeling system for the cable installation. The District will negotiate an appropriate labeling scheme with the selected vendor/contractor. At a minimum, the labeling system shall clearly identify all components of the system: racks, cables, panels, and outlets.

10.1.1 The labeling system shall designate the cables origin and destination and a unique identifier for the cable within the system. Racks and patch panels shall be labeled to identify the location within the (SPF) system and as follows:

10.1.2 Provide location and labeling plan in frame with clear plastic cover in each MDF and/or IDF, where applicable.

10.1.3 All labeling information shall be recorded on the “As-Built” diagrams and all test documents shall reflect the appropriate labeling scheme.

10.1.4 All label printing will be machine generated using indelible ink ribbons or cartridges.

10.1.5 Self-laminating labels will be used on cable jackets, appropriately sized to the OD of the cable, and placed within view at the termination point on each end.

- 10.1.6 Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed without removing the bundle support ties.

10.2.0 “AS-BUILT” DOCUMENTATION

The selected vendor/contractor shall provide the District with drawings prior to the start of any construction, either in paper and/or electronic format. One (1) set of said drawings shall be kept at a designated location within the District for documenting all “As-Built” information as it occurs during project configuration and installation.

- 10.2.1 Provide installation, administration, testing, and “As-Built” documentation required from and/or maintained by the selected vendor/contractor during the entire (SPF) cabling installation project.
- 10.2.2 The drawings will be maintained by the selected vendor/contractor’s foreman daily and will be available to the District’s authorized representative upon request during the entire project.
- 10.2.3 The selected vendor/contractor shall add (mark-up) any changes and/or deviations to the “As-Built” diagrams as needed. The marked-up drawings will accurately depict the “As-Built” status of the system including termination locations, cable routing, and all administration labeling for the (SPF) system.
- 10.2.4 The selected vendor/contractor shall provide a set of “As-Built” drawing(s) to the District after the project is complete. These said “As-Built” drawing(s) will be submitted to the District in electronic copy, .dwg (AutoCAD) format.
- 10.2.5 The District shall require a narrative that describes any areas of difficulty encountered by the selected vendor/contractor during the installation that may potentially cause future problems with the (SPF) system.

10.3.0 TESTING DOCUMENTATION

Test documentation shall be provided on electronic media (CD, Thumb-drive, etc.) within (3) three weeks after completing the project. This said electronic media shall be clearly marked on the outside front cover with the words “Test Results”, Project Name, and Completion Date (month and year).

- 10.3.1 Each Testing Type section of the electronic media files shall include one (1) folder for each test performed; fiber optic attenuation test results, and continuity test results.
- 10.3.2 The test equipment by name, manufacturer, model number and last calibration date will also be provided on the electronic media files. Unless a more frequent calibration cycle is specified by the manufacturer, an annual calibration cycle is anticipated on all test equipment used for this installation.
- 10.3.3 The testing documentation shall detail the test method(s) used and the specific settings of the equipment during the test(s). When repairs and re-tests are performed, the problem found and corrective action taken shall be noted, and both the failed and passed test data shall be co-located on the electronic media.
- 10.3.4 In order to read the documentation, a copy of the applicable viewer program shall be placed on the electronic media to read the file(s).

10.4.0 WARRANTY DOCUMENTATION

The selected vendor(s)/contractor(s) must furnish the District written warranty documentation. The warranty documentation shall include cable and connectivity components and have one (1) point of contact person for any/all (SPF) system issues, where applicable.

- 10.4.1 The warranty shall cover the installed (SPF) system against defects in workmanship, components, and performance, and follow-on support after project completion for a period of three (3) years from the date of the system installation acceptance by the District.
- 10.4.2 The warranty shall cover all labor and materials necessary to correct any/all failed portion(s) of the (SPF) system and to demonstrate performance within the original installation specifications after repairs are accomplished.
- 10.4.3 The selected vendor/contractor shall provide said (SPF) system warranty at no additional cost(s) to the District.

APPENDIX A – INTENT TO BID FORM

If the Bidder intends to submit a Bid for the Self-Provisioned Fiber (SPF) project at Fowlerville Community Schools, this Intent to Bid Form must be completed and returned via mail, fax or email to the District no later than February 21, 2018.

Please complete and return to:

Fowlerville Community Schools
Grace Damerow
7677 Sharpe Rd Suite A
Fowlerville, MI 48836

Phone: 517.223.6021
Fax: 517.223.6121
Email: damerowg@fowlervilleschools.org

I will attend the scheduled **mandatory** walkthrough meeting at **8:30A.M. on February 21, 2018.**

☐ Yes ☐ No (Check one)

Name of Company: _____

Address: _____

City, State, Zip _____

Contact Name: _____

Title: _____

Telephone Number: _____

Fax Number: _____

Email Address: _____

Date: _____

APPENDIX B – BID SIGNATURE PAGE

I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications of this RFP and the Bid submitted herewith. Any and all deviations from this RFP Bid specifications are in writing and attached.

Submitted By:

Company Name: _____

Company Address: _____

City, State & Zip: _____

Telephone: _____

Fax: _____

Email: _____

Representative Name: _____

Title: _____

Signature: _____

Date: _____

Do not write below this line: For District Use Only

The following items are enclosed and/or included on the Bid:

- | | |
|---|--|
| <input type="checkbox"/> Proposal(s) (in triplicate) | <input type="checkbox"/> Intent To Bid Form (Appendix A) |
| <input type="checkbox"/> Bid Bond/Cashier's Check (5% of Bid) | <input type="checkbox"/> Bid Signature Page (Appendix B) |
| <input type="checkbox"/> USF E-Rate SPIN | <input type="checkbox"/> Bill of Materials (Appendix C) |
| <input type="checkbox"/> Four (4) references, one (1) of which is a school or school district | <input type="checkbox"/> Familial Disclosure Affidavit (Appendix D) |
| | <input type="checkbox"/> Iran Linked Business Affidavit (Appendix E) |

APPENDIX C – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposals – Self-Provisioned Fiber. All materials and labor must be listed separately on the bidder response.

BASE BID – Self-Provisioned Fiber (Must include all components and installation costs)

| BUILDING NAME: | | | | | |
|-----------------------|-----------------|--------------------|------------|-------------------|--------------------|
| Manufacture | Part No. | Description | Qty | Unit Price | Total Price |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

ALTERNATE 1 BID – Self-Provisioned Fiber (Must include all components and installation costs)

| BUILDING NAME: | | | | | |
|-----------------------|-----------------|--------------------|------------|-------------------|--------------------|
| Manufacture | Part No. | Description | Qty | Unit Price | Total Price |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT

All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the Bidder and any member of the Board of Education of the District and/or the Superintendent of the District.

The undersigned, owner or authorized officer of _____ (the Bidder), pursuant to the familial disclosure requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the Bidder or any employee of the Bidder, and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

☐ **The following are the Bidders familial relationship(s) with the Fowlerville Community Schools:**

| | Bidder/Employee | Name Related to: | Relationship |
|----|------------------------|-------------------------|---------------------|
| 1. | _____ | _____ | _____ |
| 2. | _____ | _____ | _____ |

(Attach additional pages if necessary to disclose all familial relationships.)

☐ **There is no familial relationship that exists** between the Bidder and/or any employee of the Bidder and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

Bidder:

(Company Name)

By:

(Signature)

(Title)

This instrument was acknowledged before me, a Notary Public, in and for _____ County,
_____ on this ____ day of _____, 200__.

(Notary Public Signature) **SS:**

My Commission expires: _____

Acting in the County of: _____

APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT

All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors and employees.

The undersigned, owner or authorized officer of _____ (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the “Iran Linked Business” requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

☐ **There is not an “Iran Linked Business” that exists** within the bidder and/or owner, officers, directors and employees.

Bidder: _____
(Company Name)

By: _____
(Signature)

(Title)

This instrument was acknowledged before me, a Notary Public, in and for

_____ County, on this ____ day of _____, 20 __,

(Notary Public Signature) **SS:**

My Commission expires: _____

Acting in the County of: _____

APPENDIX F – PREVAILING WAGE



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

REQUIREMENTS OF THE PREVAILING WAGES ON STATE PROJECTS ACT, PUBLIC ACT 166 OF 1965

The State of Michigan determines prevailing rates pursuant to the Prevailing Wages on State Projects Act, Public Act 166 of 1965, as amended. The purpose of establishing prevailing rates is to provide minimum rates of pay that must be paid to workers on construction projects for which the state or a school district is the contracting agent and which is financed or financially supported by the state. By law, prevailing rates are compiled from the rates contained in collectively bargained agreements which cover the locations of the state projects. The official prevailing rate schedule provides an hourly rate which includes *wage and fringe benefit totals* for designated construction mechanic classifications. The overtime rates also include *wage and fringe benefit totals*. Please pay special attention to the overtime and premium pay requirements. Prevailing wage is satisfied when wages plus fringe benefits paid to a worker are equal to or greater than the required rate.

State of Michigan responsibilities under the law:

- The department establishes the prevailing rate for each classification of construction mechanic ***requested by a contracting agent*** prior to contracts being let out for bid on a state project.

Contracting agent responsibilities under the law:

- If a contract is not awarded or construction does not start within 90 days of the date of the issuance of rates, a re- determination of rates must be requested by the contracting agent.
- Rates for classifications needed but not provided on the Prevailing Rate Schedule, ***must*** be obtained ***prior*** to contracts being let out for bid on a state project.
- The contracting agent, by written notice to the contractor and the sureties of the contractor known to the contracting agent, may terminate the contractor's right to proceed with that part of the contract, for which less than the prevailing rates have been or will be paid, and may proceed to complete the contract by separate agreement with another contractor or otherwise, and the original contractor and his sureties shall be liable to the contracting agent for any excess costs occasioned thereby.

Contractor responsibilities under the law:

- Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing rates prescribed in a contract.
- Every contractor and subcontractor shall keep an accurate record showing the name and occupation of and the actual wages and benefits paid to each construction mechanic. This record shall be available for reasonable inspection by the contracting agent or the department.
- Each contractor or subcontractor is separately liable for the payment of the prevailing rate to its employees.
- The prime contractor is responsible for advising all subcontractors of the requirement to pay the prevailing rate prior to commencement of work.
- A construction mechanic ***shall only*** be paid the apprentice rate if registered with the United States Department of Labor, Bureau of Apprenticeship and Training and the rate is included in the contract.

Enforcement:

A person who has information of an alleged prevailing wage violation on a state project may file a complaint with the State of Michigan. The department will investigate and attempt to resolve the complaint informally. During the course of an investigation, if the requested records and posting certification are not made available in compliance with Section 5 of Act 166, the investigation will be concluded and a referral may be made to the local prosecuting attorney.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

General Information Regarding Fringe Benefits

Certain fringe benefits **may** be credited toward the payment of the Prevailing Wage Rate:

- If a fringe benefit is paid directly to a construction mechanic
- If a fringe benefit contribution or payment is made on behalf of a construction mechanic
- If a fringe benefit, which may be provided to a construction mechanic, is pursuant to a written contract or policy
- If a fringe benefit is paid into a fund, for a construction mechanic

When a fringe benefit is not paid by an hourly rate, the hourly credit will be calculated based on the annual value of the fringe benefit divided by 2080 hours per year (52 weeks @ 40 hours per week).

The following is an example of the types of fringe benefits allowed and how an hourly credit is calculated:

| | | |
|----------------------------|--|---------------|
| Vacation | 40 hours X \$14.00 per hour = \$560/2080 = | \$.27 |
| Dental insurance | \$31.07 monthly premium X 12 mos. = \$372.84 /2080 = | \$.18 |
| Vision insurance | \$5.38 monthly premium X 12 mos. = \$64.56/2080 = | \$.03 |
| Health insurance | \$230.00 monthly premium X 12 mos. = \$2,760.00/2080 = | \$1.33 |
| Life insurance | \$27.04 monthly premium X 12 mos. = \$324.48/2080 = | \$.16 |
| Tuition | \$500.00 annual cost/2080 = | \$.24 |
| Bonus | 4 quarterly bonus/year x \$250 = \$1000.00/2080 = | \$.48 |
| 401k Employer Contribution | \$2000.00 total annual contribution/2080 = | \$.96 |
| Total Hourly Credit | | \$3.65 |

Other examples of the types of fringe benefits allowed:

- Sick pay
- Holiday pay
- Accidental Death & Dismemberment insurance premiums

The following are examples of items that **will not** be credited toward the payment of the Prevailing Wage Rate

- Legally required payments, such as:
 - Unemployment Insurance payments
 - Workers' Compensation Insurance payments
 - FICA (Social Security contributions, Medicare contributions)
- Reimbursable expenses, such as:
 - Clothing allowance or reimbursement
 - Uniform allowance or reimbursement
 - Gas allowance or reimbursement
 - Travel time or payment
 - Meals or lodging allowance or reimbursement
 - Per diem allowance or payment
- Other payments to or on behalf of a construction mechanic that are not wages or fringe benefits, such as:
 - Industry advancement funds
 - Financial or material loans



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

OVERTIME PROVISIONS for MICHIGAN PREVAILING WAGE RATE COMMERCIAL SCHEDULE

- Overtime is represented as a nine character code. Each character represents a certain period of time after the first 8 hours Monday thru Friday.

| | Monday thru Friday | Saturday | Sunday & Holidays | Four 10s |
|---------------|--------------------|----------|-------------------|----------|
| First 8 Hours | | 4 | 8 | 9 |
| 9th Hour | 1 | 5 | | |
| 10th Hour | 2 | 6 | | |
| Over 10 hours | 3 | 7 | | |

Overtime for Monday thru Friday after 8 hours:

the 1st character is for time worked in the 9th hour (8.1 - 9 hours)

the 2nd character is for time worked in the 10th hour (9.1 - 10 hours)

the 3rd character is for time worked beyond the 10th hour (10.1 and beyond)

Overtime on Saturday:

the 4th character is for time worked in the first 8 hours on Saturday (0 - 8 hours)

the 5th character is for time worked in the 9th hour on Saturday (8.1 - 9 hours)

the 6th character is for time worked in the 10th hour (9.1 - 10 hours)

the 7th character is for time worked beyond the 10th hour (10.01 and beyond)

Overtime on Sundays & Holidays

The 8th character is for time worked on Sunday or on a holiday

Four Ten Hour Days

The 9th character indicates if an optional 4-day 10-hour per day workweek can be worked ***between Monday and Friday without paying overtime after 8 hours worked, unless otherwise noted in the rate schedule. To utilize a 4 ten workweek, notice is required from the employer to employee prior to the start of work on the project.***

- Overtime Indicators Used in the Overtime Provision:

H - means TIME AND ONE-HALF due

X - means TIME AND ONE-HALF due after 40 HOURS worked

D - means DOUBLE PAY due

Y - means YES an optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked

N - means NO an optional 4-day 10-hour per day workweek *cannot* be worked without paying overtime after 8 hours worked

- EXAMPLES:

HHHHHHHDN - This example shows that the 1½ rate must be used for time worked after 8 hours Monday thru Friday (*characters 1 - 3*); for all hours worked on Saturday, 1½ rate is due (*characters 4 - 7*). Work done on Sundays or holidays must be paid double time (*character 8*). The N (*character 9*) indicates that 4 ten-hour days is not an acceptable workweek at regular pay.

XXXHHHHDY - This example shows that the 1½ rate must be used for time worked after 40 hours are worked Monday thru Friday (*characters 1-3*); for hours worked on Saturday, 1½ rate is due (*characters 4 – 7*). Work done on Sundays or holidays must be paid double time (*character 8*). The Y (*character 9*) indicates that 4 ten-hour days is an acceptable alternative workweek.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

ENGINEERS - CLASSES OF EQUIPMENT LIST

UNDERGROUND ENGINEERS

CLASS I

Backfiller Tamper, Backhoe, Batch Plant Operator, Clam-Shell, Concrete Paver (2 drums or larger), Conveyor Loader (Euclid type), Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, End Loader, Gradall (and similar type machine), Grader, Power Shovel, Roller (asphalt), Scraper (self propelled or tractor drawn), Side Broom Tractor (type D-4 or larger), Slope Paver, Trencher (over 8' digging capacity), Well Drilling Rig, Mechanic, Slip Form Paver, Hydro Excavator.

CLASS II

Boom Truck (power swing type boom), Crusher, Hoist, Pump (1 or more 6" discharge or larger gas or diesel powered by generator of 300 amps or more, inclusive of generator), Side Boom Tractor (smaller than type D-4 or equivalent), Tractor (pneu-tired, other than backhoe or front end loader), Trencher (8' digging capacity and smaller), Vac Truck.

CLASS III

Air Compressors (600 cfm or larger), Air Compressors (2 or more less than 600 cfm), Boom Truck (non-swinging, non-powered type boom), Concrete Breaker (self-propelled or truck mounted, includes compressor), Concrete Paver (1 drum, ½ yard or larger), Elevator (other than passenger), Maintenance Man, Mechanic Helper, Pump (2 or more 4" up to 6" discharge, gas or diesel powered, excluding submersible pump), Pumpcrete Machine (and similar equipment), Wagon Drill Machine, Welding Machine or Generator (2 or more 300 amp or larger, gas or diesel powered).

CLASS IV

Boiler, Concrete Saw (40HP or over), Curing Machine (self-propelled), Farm Tractor (w/attachment), Finishing Machine (concrete), Firemen, Hydraulic Pipe Pushing Machine, Mulching Equipment, Oiler (2 or more up to 4", exclude submersible), Pumps (2 or more up to 4" discharge if used 3 hrs or more a day-gas or diesel powered, excluding submersible pumps), Roller (other than asphalt), Stump Remover, Vibrating Compaction Equipment (6' wide or over), Trencher (service) Sweeper (Wayne type and similar equipment), Water Wagon, Extend-a-Boom Forklift.

HAZARDOUS WASTE ABATEMENT ENGINEERS

CLASS I

Backhoe, Batch Plant Operator, Clamshell, Concrete Breaker when attached to hoe, Concrete Cleaning Decontamination Machine Operator, Concrete Pump, Concrete Paver, Crusher, Dozer, Elevating Grader, Endloader, Farm Tractor (90 h.p. and higher), Gradall, Grader, Heavy Equipment Robotics Operator, Hydro Excavator, Loader, Pug Mill, Pumpcrete Machines, Pump Trucks, Roller, Scraper (self-propelled or tractor drawn), Side Boom Tractor, Slip Form Paver, Slope Paver, Trencher, Ultra High Pressure Waterjet Cutting Tool System Operator, Vactors, Vacuum Blasting Machine Operator, Vertical Lifting Hoist, Vibrating Compaction Equipment (self-propelled), and Well Drilling Rig.

CLASS II

Air Compressor, Concrete Breaker when not attached to hoe, Elevator, End Dumps, Equipment Decontamination Operator, Farm Tractor (less than 90 h.p.), Forklift, Generator, Heater, Mulcher, Pigs (Portable Reagent Storage Tanks), Power Screens, Pumps (water), Stationary Compressed Air Plant, Sweeper, Water Wagon and Welding Machine.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

Michigan recognizes the Carpenters for any and all work related to weatherization that has historically been the work of the Carpenter. This work shall include, but not be limited to: all work defined under the Federal Weatherization Assistance Program.

The jurisdiction of Carpenters, as to all work that has historically and traditionally been performed consisting of the milling, fashioning, joining, assembling, erecting, fastening or dismantling of all materials of wood, plastic, metal, fiber, cork, or composition and all other substitute materials, as well as the handling, cleaning, erecting, installing and dismantling of all machinery, equipment and all materials used by Carpenters.

The jurisdiction, therefore, extends over the following divisions and subdivisions of the trade: Carpenters and Joiners, Millwrights, Pile Drivers, Bridge, Dock and Wharf Carpenters, Underpinners, Timbermen, and Core-drillers, Shipwrights, Boat Builders, Ship- hand, Stair-Builders, Millmen, Wood and Resilient Floor Decorators, Floor Finishers, Carpet-layers, Shinglers, Siders, Insulators, Acoustic and Drywall Applicators, Sharers and House Movers, Loggers, Lumber and Sawmill Workers, Reed and Rattan Workers, Shingle Weavers, Casket and Coffin Makers, Railroad Carpenters and Car Builders, regardless of material used and all those engaged in the operation of woodworking or other machinery required in fashioning, milling or manufacturing of products used in the trade, and the handling, erecting and installing materials on any of the above divisions or sub-divisions, burning, welding and rigging incidental to the trade. When the term "Carpenter and Joiner" is used, it shall mean all the subdivisions of the trade. The trade autonomy of Carpenters therefore extends over the divisions and subdivisions of the trade, which are set forth as follows:

- (a) The framing, erecting and prefabrication of roofs, partitions, floors and other parts of buildings of wood, metal, plastic or other substitutes; application of all metal flashing used for hips, valleys and chimneys; the erection of Stran Steel section or its equal. The building and setting of all forms and centers for brick and masonry. The fabrication and erection of all forms for concrete and decking, the dismantling of same (as per International Agreement) when they are to be re-used on the job or stored for re-use. The cutting and handling of all falsework for fireproofing and slabs. Where power is used in the setting or dismantling of forms, all signaling and handling shall be done by carpenters. The setting of templates for anchor bolts for structural members and for machinery, and the placing, leveling and bracing of these bolts. All framing in connection with the setting or metal columns. The setting of all bulkheads, footing forms and the setting of and fabrication of, screeds and stakes for concrete and mastic floors where the screed is notched or fitted, or made up of more than one member. The making of forms for concrete block, bulkheads, figures, posts, rails, balusters and ornaments, etc.
- (b) The handling and erecting of rough material and drywall, the handling, assembly, setting and leveling of all fixtures, display cases, all furniture such as tables, chairs, desks, coat racks, etc., all de-mountable or moveable partitions such as Von wall, E Wall, Steel Case, Herman Miller, Haworth, American Seating, Westinghouse, Lazy Boy, rosewood, etc. All rebuilding, remodeling and setting up of all kinds of partitions, finished lumber, metal and plastic trim to be erected by Carpenters shall be handled from the truck or vehicle delivering same to the job by Carpenters.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (c) The building and moving of all scaffolding runways and staging where carpenters' tools are used, the building from the ground up of all scaffolds over fourteen (14) feet in height including metal and specially designed scaffolding. The building and construction of all hoists and derricks made of wood; the making of mortar boards, boxes, trestles, all shoring, razing and moving of buildings. Lift type trucks are to be considered a tool of the trade. Metal siding and metal roofing fall within the scope of jurisdiction for the carpenters.
- (d) The cutting or framing and fireproofing of the openings for pipes, conduits, ducts, etc., where they pass through floors, partitions, walls, roofs or fixtures composed in whole or in part of wood. The laying out of making and installation of all inserts and sleeves for pipes, ducts, etc., where carpenters' tools and knowledge are required. The making and installing of all wooden meter boards, crippling and backing for fixtures. The welding of studs and other fastenings to receive material being applied by carpenters.
- (e) The installation of all grounds, furring or stripping, ceilings and sidewalks, application of all types of shingling and siding, etc.
- (f) The installation of all interior and exterior trim or finish of wood, aluminum, kalamein, hollow or extruded metal, plastic, doors, transoms, thresholds, mullions and windows. The setting of jambs, bucks, window frames of wood or metal where braces or wedges are used. The installation of all wood, metal or other substitutes of casing, molding, chair rail, wainscoting, china closets, base of mop boards, wardrobes, metal partitions as per National Decisions or specific agreements, etc. The complete laying out, fabrication and erection of stairs. The making and erecting of all fixtures, cabinets, shelving, racks, louvers, etc. The mortising and application of all hardware in connection with our work. The sanding and refinishing of all wood, cork or composition floors to be sanded or scraped, filled, sized and buffed, either by hand or power machines. The assembling and setting of all seats in theaters, halls, churches, schools, auditorium, grandstands and other buildings. All bowling alley work.
- (g) The manufacture, fabrication and installation of all screens, storm sash, storm doors and garage doors; the installation of wood, canvas, plastic or metal awnings or eye shades, door shelters, jalousies, etc. The laying of wood, wood block and wood composition in floors.
- (h) The installation of all materials used in drywall construction, such as plasterboard, all types of asbestos boards, transite and other composition board. The application of all material which serves as base for acoustic tile, except plaster. All acoustical applications as per National Agreement or specific agreement.
- (i) The building and dismantling of all barricades, hand rails, guard rails, partitions and temporary partitions. The erection and dismantling of all temporary housing on construction projects.
- (j) The installation of rock wool, cork and other insulation material used for sound or weatherproofing. The removal of caulking and placing of staff bead and brick mold and all Oakum caulking, substitutes, etc., and all caulking in connection with carpentry work.
- (k) The installation of all chalk boards/marker boards.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (l) The operation of all hand operated winches used to raise wooden structures.
- (m) The erection of porcelain enameled panels and siding.
- (n) The unloading and distribution of all furnished, prefabricated and built-up sections such as door bucks, window frames, cupboards, cabinets, store fixtures, counters and show cases or comparably finished or prefabricated materials, to the job sites or points of installation as used in the construction, alteration and remodeling industry.
- (o) The handling of doors, metal, wood or composite, partitions and other finished bulk materials used for trim from the point of delivery.
- (p) All processing of these materials and handling after processing.
- (q) The making up of panels and fitting them into walls, all bracing and securing, all removal of panels from the casting including all braces, whalers, hairpins, etc.
- (r) The handling and setting of all metal pans and sections from the stock piles of reasonable distance as required by job needs shall be performed by carpenters. The stripping of such metal pans, panels or sections is to be performed by carpenters.
- (s) The sharpening of all carpenter hand or power tools, or those used by carpenters.
- (t) The layout, fabrication, assembling of and erection and dismantling of all displays made of wood, metal, plastic, composition board or any substitute material; the covering of same with any type of material, the crating and un-crating, the handling from the point of unloading and back to the point of loading of all displays and other materials or components.
- (u) The same shall apply to all other necessary component parts used for display purposes such as turntables, platforms, identification towers and fixtures, regardless of how constructed, assembled or erected or dismantled.
- (v) The make-up, handling, cutting and sewing of all materials used in buntings, flags, banners, decorative paper, fabrics and similar materials used in the display decorative industry for draperies and back drops. The decorative framing of trucks, trailers and autos used as floats or moving displays. The slatting of walls to hand fabrics and other decorative materials, drilling of all holes to accommodate such installations. Setting up and removal of booths constructed of steel or aluminum tubing as stanchions, railings, etc., handling and placing of furniture, appliances, etc., which are being used to complete the booth at the request of the exhibitor. Fabricating and application of leather, plastic and other like materials used for covering of booths. The handling of all materials, fabricating of same. The loading and unloading, erecting and assembling at the exhibit of show area, also in or out of storage when used in booth decorations.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

- (w) A display shall be construed as any exhibit or medium of advertising, open to private or public showing, which is constructed of wood, metal, plastic or any other substitute to accomplish the objectives of advertising or displaying.
- (x) Handling, fitting, draping, measuring and installation of fixtures and other hardware for draperies, all manner of making, measuring, repairing, sizing, hanging and installation of necessary fixtures and hardware for shades and Venetian blinds.
- (y) Work consisting of cutting and/or forming of all materials in preparation for installing of floors, walls and ceilings; the installation of all resilient floor and base; wall and ceiling materials to include cork, linoleum, prefabricated, laminated, rubber, asphalt, vinyl, metal, plastic, seamless floors and all other similar materials in sheet, interlocking liquid or tile form; the installation of all artificial turf, the installation, cutting and/or fitting of carpets; installation of padding, matting, linen crash and all preformed resilient floor coverings; the fitting of all devices for the attachment of carpet and other floor, wall and ceiling coverings; track sewing of carpets, drilling of holes for sockets and pins, putting in dowels and slats; and all metal trimmings used; the installation of all underlayments, sealants in preparation of floors, walls and ceilings, the unloading and handling of all materials to be installed and the removal of all materials in preparing floors when contracted for by the employer, shall be done only by employees covered under this Agreement.
- (z) The installation of all sink-tops and cabinets, to include all metal trim and covering for same. All cork, linoleum, congo-wall, linewall, veos tile, plexiglass, vinawall tile, composition tile, plastic tile, aluminum tile and rubber in sheets or tile form and the application thereof. All bolta-wall and bolta-wall tile and similar products.
- (aa) The handling and placing of all pictures and frames and the assembly of bed frames and accessories. The hanging and placing of all signage.
- (bb) The installation of all framework partitions and trim materials for toilets and bathrooms made of wood, metal, plastics or composition materials; fastening of all wooden, plastic or composition cleats to iron or any other material for accessories.
- (cc) The erection of cooling towers and tanks.
- (dd) The setting, lining, leveling and bracing of all embedded plates, rails and angles. The setting of all stay in place forms.
- (ee) Environmental: Clean room, any type of environmental chamber, walk in refrigerated coolers and all refrigerated rooms or buildings.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

PILE DRIVING AND CAISSON DRILLING

(ff) All unloading, handling, signaling and driving of piles, whether wood, steel, pipe, beam pile, composite, concrete or molded in place, wood and steel sheeting, cofferdam work, trestle work, dock work, floating derricks, caisson work, foundation work, bridge work, whether old or new, crib work, pipe line work and submarine work. Cutting of all wood, steel or concrete pile, whether by machine or hand; welding and cutting, peeling, and heading of all wood pile, steel sheeting and wood sheeting. The erecting and dismantling of all pile driving rigs, also derricks whether on land or water; also the moving, shoring and underpinning of all buildings. The loading and unloading of all derricks, cranes and pile driving materials. The tending, maintenance and operation of all valves pertaining to the operation of driving of pile. All diving and tending essential to the completion of jurisdictional claims.

All work done in the established yards of the Company and all work not enumerated above, shall be handled and manned as the Employer decides.

The pile driver will unload all material shipped in by rail from the point that the rail car is spotted.

All cleaning and preparation of all piling prior to driving.

The welding and attachment of all boot plates, pile points, splice plates, connectors, rock crosses, driving crosses, driving rigs, point reinforcements and overboots.

The construction, reconstruction, repair, alteration, demolition and partial or complete removal of all marine work including, but not limited to, docks, piers, wharves, quays, jetties, cribs, causeways, breakwaters, lighthouses and permanent buoys, etc. (mixing and placing of concrete excepted).

The driving and pulling of all wood, steel and concrete foundation piles and sheet piling.

The heading, pointing, splicing, cutting and welding of all piles.

The placing of all wales, bolts, studs, lagging, rods and washers including the cutting, drilling, boring or breaking of all holes or openings thereof.

The removal of all materials and/or obstructions of any nature (rip-rap included) that retard or interfere with the driving of piles or with the placing of wales, bolts and rods.



STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

www.michigan.gov/wagehour

Informational Sheet: Prevailing Wages on State Projects

CARPENTER CRAFT JURISDICTION

This is to be subject to the discretion of the contractor who may choose to use blasting specialists or other demolition specialists.

The handling on the job of all materials used in the work.

The manning of all floating equipment (towing equipment excepted) engaged in the work enumerated, including deck engines, except machinery manned by Operating Engineers.

The placing of all rip-rap, fill stone, bedding stone, cover stone and concrete blocks in connection with marine construction. Work normally performed by Employers, such as soil tests, shoring, underpinning of buildings, cribbing, driving of sheet piling, marine divers, tenders, underwater construction workers and similar operations shall continue to be included in the jurisdiction of this Agreement.

All burning, cutting, welding and fabrication of pipe, H-beams, sheet pile (metal or wood), done on the job site or in the yard of the Employer shall be done by pile drivers. The driving of bearing piles, sheet piling with heavy equipment, caissons, pile caps, auger drilling and boring, the setting up for load testing for any type of piling, all layout and spotting for piling, caisson and boring work, all earth retention, ditch boarding, installing tiebacks.

ASBESTOS ABATEMENT CARPENTERS

- (gg) All erection and maintenance of barriers and partitions used in the removing of asbestos or any abatement work. The abatement of any materials previously installed by the carpenter such as transite, ceiling and floor tiles. All operating and maintaining of current equipment used in any abatement work.

State of Michigan

WHPWRequest@michigan.gov

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

Livingston County

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 1 of 45

| Classification | | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|--|-------------|--------------|--------------------------|---------------|-------------------------|
| Name | Description | | | | |
| Asbestos & Lead Abatement Laborer | | | | | |
| MLDC | | 9/7/2017 | | | |
| Asbestos & Lead Abatement Laborer | | | \$41.30 | \$55.23 | \$69.16 H H H X X X D Y |
| Apprentice Rates: | | | | | |
| Trainee 600 hours + 1 calendar year | | | \$30.22 | \$33.28 | \$41.73 |
| <i>comment</i> | | | | | |
| 4 ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days | | | | | |

Asbestos, Lead and Mold Abatement, Hazardous Material Handler

| | | | | | |
|---|--|-----------|---------|---------|-------------------------|
| AS207 | | 3/27/2017 | | | |
| Asbestos, Lead and Mold Abatement, Hazardous Material Handler | | | \$40.75 | \$54.25 | \$67.75 H H H X X X D Y |
| <i>comment</i> | | | | | |
| Four ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days | | | | | |

Boilermaker

| | | | | | |
|--------------------------|--|-----------|---------|---------|--------------------------|
| BO169 | | 2/17/2015 | | | |
| Boilermaker | | | \$54.70 | \$81.08 | \$107.45 H H H H H H D Y |
| Apprentice Rates: | | | | | |
| 1st 6 months | | | \$40.31 | \$59.49 | \$78.67 |
| 2nd 6 months | | | \$41.45 | \$61.21 | \$80.95 |
| 3rd 6 months | | | \$42.57 | \$62.88 | \$83.19 |
| 4th 6 months | | | \$43.69 | \$64.57 | \$85.43 |
| 5th 6 months | | | \$44.81 | \$66.24 | \$87.67 |
| 6th 6 months | | | \$48.63 | \$72.50 | \$96.36 |
| 7th 6 months | | | \$49.32 | \$73.01 | \$96.69 |
| 8th 6 months | | | \$51.58 | \$76.40 | \$101.21 |

Official Request #: 97
Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation
Project Number:
County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 2 of 45

| Classification | Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|-------------------|------------------------------|---|--------------|-----------------|---------------|---------------|--------------------|
| Bricklayer | | | | | | | |
| | BR9-14-BL | | 11/4/2016 | | | | |
| | Bricklayer | | | \$54.12 | \$69.62 | \$85.12 | H H H H H H H D Y |
| | | Apprentice Rates: | | | | | |
| | | 0-749 hours | | \$40.64 | \$49.72 | \$58.81 | |
| | | 750-1499 hours | | \$42.32 | \$52.24 | \$62.17 | |
| | | 1500-2249 hours | | \$44.01 | \$54.77 | \$65.55 | |
| | | 2250-2999 hours | | \$45.70 | \$57.31 | \$68.93 | |
| | | 3000-3749 hours | | \$47.38 | \$59.83 | \$72.29 | |
| | | 3750-4499 hours | | \$49.06 | \$62.35 | \$75.65 | |
| | | 4500-5249 hours | | \$50.75 | \$64.89 | \$79.03 | |
| | | 5250-6000 hours | | \$52.44 | \$67.42 | \$82.41 | |
| | <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | | Saturday Four 10s allowed M-F | | | | | |
| | <u>Subdivision of county</u> | Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including City of Howell), Osceola, Hartland, Cohoctah, Deerfield, and Tyrone | | | | | |

| | | | | | | | |
|--|---|---|-----------|---------|---------|---------|-------------------|
| | BR9-14-S | | 11/4/2016 | | | | |
| | Pointer, Cleaner, Caulker & Stone Mason | | | \$54.12 | \$69.62 | \$85.12 | H H H H H H H D Y |
| | | Apprentice Rates: | | | | | |
| | | 0-749 hours | | \$42.32 | \$52.24 | \$62.17 | |
| | | 750-1499 hours | | \$44.01 | \$54.77 | \$65.55 | |
| | | 1500-2249 hours | | \$45.70 | \$57.31 | \$68.93 | |
| | | 2250-2999 hours | | \$47.38 | \$59.83 | \$72.29 | |
| | | 3000-3749 hours | | \$49.06 | \$62.35 | \$75.65 | |
| | | 3750-4499 | | \$50.75 | \$64.89 | \$79.03 | |
| | <i>comment</i> | | | | | | |
| | | Saturday makeup day, 4 10s allowed M-F | | | | | |
| | <u>Subdivision of county</u> | Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including City of Howell), Osceola, Hartland, Cohoctah, Deerfield, & Tyrone | | | | | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 3 of 45

| Classification | Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------------|-------------|--------------|-----------------|---------------|---------------|--------------------|
| BR9-31 | | | 11/3/2016 | | | | |
| | Bricklayer | | | \$47.60 | \$60.82 | \$74.04 | H H H H H H D Y |

Apprentice Rates:

| | | | |
|---------------------|---------|---------|---------|
| 0-749 hours | \$36.07 | \$43.81 | \$51.55 |
| 750-1,499 hours | \$37.51 | \$45.97 | \$54.43 |
| 1,500-2,249 hours | \$38.95 | \$48.13 | \$57.31 |
| 2,250-2,999 hours | \$40.40 | \$50.30 | \$60.21 |
| 3,000-3,749 hours | \$41.84 | \$52.46 | \$63.09 |
| 3,750-4,499 hours | \$43.28 | \$54.62 | \$65.97 |
| 4,500 - 5,249 hours | \$44.72 | \$56.78 | \$68.85 |
| 5,250 - 6,000 hours | \$46.16 | \$58.94 | \$71.73 |

comment make up day allowed

Saturday, 4 10s allowed M-F

Subdivision of county Townships of Conway, Handy, Isoco, & Unadilla

| | | | | | | | |
|---------|--|--|-----------|---------|---------|---------|-----------------|
| BR9-31S | | | 11/3/2016 | | | | |
| | Stone, Artificial, Cement Masonry, Pointing, Caulking & Cleaning | | | \$47.60 | \$60.82 | \$74.04 | H H H H H H D Y |

Apprentice Rates:

| | | | |
|-----------------|---------|---------|---------|
| 0-749 hours | \$37.51 | \$45.97 | \$54.43 |
| 750-1499 hours | \$38.95 | \$48.13 | \$57.31 |
| 1500-2249 hours | \$40.40 | \$50.30 | \$60.21 |
| 2250-2999 hours | \$41.84 | \$52.46 | \$63.09 |
| 3000-3749 hours | \$44.72 | \$56.78 | \$68.85 |

comment

4 10s allowed M-F

Subdivision of county Hours worked after 10 on Saturday must be paid double for cement masonry Townships of Conway, Handy, Isoco, &

Unadilla

Carpenter

| | | | | | | | |
|----------|-------|--|----------|---------|---------|----------|-----------------|
| CA 687 D | | | 7/5/2017 | | | | |
| | Diver | | | \$67.26 | \$87.51 | \$107.76 | X X H X X H D Y |

comment make up day allowed

Saturday, Four 10s allowed M-Sat; double time due when over 12 hours worked per day

Subdivision of county includes only townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oseola, Putnam, Tyrone and Unadilla

| | | | | | | | |
|-----------|--------------|--|----------|---------|---------|---------|-----------------|
| CA 687 DT | | | 7/5/2017 | | | | |
| | Diver Tender | | | \$57.74 | \$73.67 | \$89.60 | X X H X X H D Y |

comment make up day allowed

Saturday

Subdivision of county Townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oseola, Putnam, Tyrone, and Unadilla

Official Request #: 97
Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation

Project Number:
County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 4 of 45

| <u>Classification</u> | | | | | | | | | |
|-----------------------|------------------------------|---|-----------------|---------------|---------------|--------------------|--|--|--|
| Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision | | | |
| CA1004FL | | 7/5/2017 | | | | | | | |
| Floor layer | | | \$42.09 | \$53.76 | \$65.42 | X X H H H H H D Y | | | |
| | Apprentice Rates: | | | | | | | | |
| | 1st Year | | \$32.76 | \$39.76 | \$46.76 | | | | |
| | 2nd Year | | \$35.09 | \$43.26 | \$51.42 | | | | |
| | 3rd Year | | \$37.42 | \$46.75 | \$56.08 | | | | |
| | 4th Year | | \$38.59 | \$48.50 | \$58.42 | | | | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | | | | |
| | Saturday | | | | | | | | |
| | <u>Subdivision of county</u> | The townships of Conway, Cochoctah, Handy, Howell, Iosco & Marion | | | | | | | |

| | | | | | | | | | |
|----------------|------------------------------|--|---------|---------|---------|-------------------|--|--|--|
| CA1004L | | 7/5/2017 | | | | | | | |
| Carpenter | | | \$44.67 | \$57.38 | \$70.08 | X X H H H H H D Y | | | |
| | Apprentice Rates: | | | | | | | | |
| | 1st Year | | \$34.51 | \$42.14 | \$49.76 | | | | |
| | 2nd Year | | \$37.05 | \$45.94 | \$54.84 | | | | |
| | 3rd Year | | \$39.59 | \$49.76 | \$59.92 | | | | |
| | 4th Year | | \$40.86 | \$51.66 | \$62.46 | | | | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | | | | |
| | Saturday | | | | | | | | |
| | <u>Subdivision of county</u> | Twps of Conway, Cohoctah, Handy, Howell, Iosco, and Marion | | | | | | | |

| | | | | | | | | | |
|--|--------------------------|----------|---------|---------|---------|-------------------|--|--|--|
| CA1045 | | 7/5/2017 | | | | | | | |
| Carpet and Resilient Floor Layer, (does not include installation of prefabricated formica & parquet flooring which is to be paid carpenter rate) | | | \$51.94 | \$73.28 | \$94.62 | X X H X X X X D Y | | | |
| | Apprentice Rates: | | | | | | | | |
| | 1st 6 months | | \$25.87 | \$34.92 | \$43.98 | | | | |
| | 2nd 6 months | | \$29.86 | \$40.92 | \$51.96 | | | | |
| | 3rd 6 months | | \$32.07 | \$44.23 | \$56.38 | | | | |
| | 4th 6 months | | \$34.27 | \$47.52 | \$60.78 | | | | |
| | 5th 6 months | | \$36.47 | \$50.83 | \$65.18 | | | | |
| | 6th 6 months | | \$38.69 | \$54.16 | \$69.62 | | | | |
| | 7th 6 months | | \$40.90 | \$57.48 | \$74.04 | | | | |
| | 8th 6 months | | \$43.10 | \$60.77 | \$78.44 | | | | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 5 of 45

| Classification | Last | Straight Time and | a Double | Overtime |
|---|--------------------------------------|---|----------|---------------------------|
| Name Description | Updated | Hourly Half | Time | Provision |
| CA687Z2 | 7/5/2017 | | | |
| Carpenter | | \$58.62 | \$74.55 | \$90.48 X X H X X H H D Y |
| Apprentice Rates: | | | | |
| 1st & 2nd 6 months | | \$35.89 | \$44.65 | \$53.41 |
| 3rd 6 months | | \$38.43 | \$47.99 | \$57.55 |
| 4th 6 months | | \$40.94 | \$51.29 | \$61.65 |
| 5th 6 months | | \$43.47 | \$54.62 | \$65.77 |
| 6th 6 months | | \$46.01 | \$57.96 | \$69.91 |
| 7th 6 months | | \$48.52 | \$61.27 | \$74.01 |
| 8th 6 months | | \$51.04 | \$64.58 | \$78.12 |
| <i>comment make up day allowed</i> | | | | |
| Four 10s allowed Monday thru Saturday; double time due anytime when over 12 hours | | | | |
| <u>Subdivision of county</u> | worked per day, Saturdays makeup day | Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla | | |

| | | | | |
|--------------------------|----------|---------|---------|---------------------------|
| CA687Z2P | 7/5/2017 | | | |
| Piledriver | | \$58.62 | \$74.55 | \$90.48 X X H X X H H D Y |
| Apprentice Rates: | | | | |
| 1st 6 months | | \$35.89 | \$44.65 | \$53.41 |
| 2nd 6 months | | \$40.94 | \$51.29 | \$61.65 |
| 3rd 6 months | | \$46.01 | \$57.96 | \$69.91 |
| 4th 6 months | | \$51.04 | \$64.58 | \$78.12 |

comment make up day allowed
 Four 10s allowed Monday thru Saturday; double time due when over 12 hours worked
Subdivision of county per day, Saturday makeup day Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla

Cement Mason

| | | | | |
|--------------------------|-----------|---------|---------|---------------------------|
| BR9-14-CM | 11/4/2016 | | | |
| Cement Mason | | \$50.52 | \$65.28 | \$80.04 X X H X X X H D Y |
| Apprentice Rates: | | | | |
| 0-749 hours | | \$39.30 | \$48.75 | \$58.21 |
| 750-1499 hours | | \$40.91 | \$51.17 | \$61.43 |
| 1500-2249 hours | | \$42.51 | \$53.57 | \$64.63 |
| 2250-2999 hours | | \$44.11 | \$55.97 | \$67.83 |
| 3000-3749 hours | | \$45.71 | \$58.37 | \$71.03 |
| 3750-4499 hours | | \$47.32 | \$60.79 | \$74.25 |

comment
 Four 10s allowed M-F
Subdivision of county Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including the City of Howell), Osceola, Hartland, Cohoctah, Deerfield & Tyrone

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 7 of 45

| <u>Classification</u> | | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> | |
|--|--|-------------|--------------------------|-----------------|-----------------|-------------------|
| Name | Description | Updated | Hourly | Half | Time | Provision |
| ===== | | | | | | |
| ~~~~~ | | | | | | |
| Drywall | | | | | | |
| ~~~~~ | | | | | | |
| PT-22-D | | 8/25/2016 | | | | |
| Drywall Taper | | | \$45.91 | \$59.74 | \$73.56 | H H D H D D D D Y |
| | Apprentice Rates: | | | | | |
| | 1st 3 months | | \$32.08 | \$38.99 | \$45.90 | |
| | 2nd 3 months | | \$34.85 | \$43.14 | \$51.44 | |
| | 2nd 6 months | | \$37.62 | \$47.30 | \$56.98 | |
| | 3rd 6 months | | \$40.38 | \$51.44 | \$62.50 | |
| | 4th 6 months | | \$41.76 | \$53.51 | \$65.26 | |
| <i>comment make up day allowed</i> | | | | | | |
| Four 10s allowed Monday-Thursday, Friday make-up day for bad weather or holidays | | | | | | |
| <u>Subdivision of county</u> | Townships of Deerfield, Tyrone, Oceola, Hartland, Genoa, Hamburg, Green Oak and Brighton. | | | | | |

| | | | | | | |
|----------------------------|--------------------------|----------|---------|---------|---------|-------------------|
| PT-845-DF | | 6/2/2016 | | | | |
| Drywall Taper and Finisher | | | \$38.89 | \$51.89 | \$64.89 | H H H H H H H D N |
| | Apprentice Rates: | | | | | |
| | 0 - 1,000 hours | | \$27.19 | \$34.34 | \$41.49 | |
| | 1,001 - 2,000 hours | | \$28.49 | \$36.29 | \$44.09 | |
| | 2,001 to 3,000 hours | | \$30.57 | \$39.41 | \$48.25 | |
| | 3,001 to 4,000 hours | | \$32.39 | \$42.14 | \$51.89 | |
| | 4,001 to 5,000 hours | | \$34.99 | \$46.04 | \$57.09 | |
| | 5,001 to 6,000 hours | | \$37.59 | \$49.94 | \$62.29 | |

Electrician

| | | | | | | |
|---|--------------------------|-----------|---------|---------|----------|-------------------|
| EC-252-IW | | 6/19/2017 | | | | |
| Journeyman Electrician - Inside Wireman | | | \$64.91 | \$87.73 | \$110.55 | H H D H D D D D N |
| | Apprentice Rates: | | | | | |
| | 1st Period | | \$36.91 | \$45.73 | \$54.55 | |
| | 2nd Period | | \$42.08 | \$53.48 | \$64.89 | |
| | 3rd Period | | \$46.65 | \$60.34 | \$74.03 | |
| | 4th Period | | \$51.21 | \$67.18 | \$83.15 | |
| | 5th Period | | \$55.78 | \$74.04 | \$92.29 | |
| | 6th Period | | \$60.33 | \$80.86 | \$101.39 | |

Subdivision of county Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted
 on the construction site, in a conspicuous place, a copy
 of all prevailing wage and fringe benefit rates
 prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 8 of 45

| Classification Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|------------------------|---|-----------------|--------------------|------------------|------------------|-----------------------|
| EC-252-SC | | 6/19/2017 | | | | |
| | Sound and Communications Installer/Technician | | \$43.64 | \$58.71 | \$73.78 | H H D H D D D D N |
| | Apprentice Rates: | | | | | |
| | Period 1 | | \$24.60 | \$32.15 | \$39.68 | |
| | Period 2 | | \$26.10 | \$34.39 | \$42.68 | |
| | Period 3 | | \$27.61 | \$36.66 | \$45.70 | |
| | Period 4 | | \$29.13 | \$38.93 | \$48.74 | |
| | Period 5 | | \$34.60 | \$45.15 | \$55.70 | |
| | Period 6 | | \$37.62 | \$49.69 | \$61.74 | |
| | Period 7 | | \$40.63 | \$54.19 | \$67.76 | |
| | Period 8 | | \$42.15 | \$56.47 | \$70.80 | |

Subdivision of county Unadilla, Putnam, Hamburg & Green Oak townships

| | | | | | | |
|----------|---|----------|---------|---------|----------|-------------------|
| EC-58-IW | | 7/5/2017 | | | | |
| | Journeyman Electrician - Inside Wireman | | \$64.02 | \$84.47 | \$104.91 | H H H H H H H D N |
| | Apprentice Rates: | | | | | |
| | 0-1000 hours | | \$42.08 | \$51.55 | \$61.03 | |
| | 1000-2000 hours | | \$44.07 | \$54.54 | \$65.01 | |
| | 2000-3500 hours | | \$46.07 | \$57.54 | \$69.01 | |
| | 3500-5000 hours | | \$48.07 | \$60.54 | \$73.00 | |
| | 5000-6500 hours | | \$50.06 | \$63.52 | \$76.98 | |
| | 6500-8000 hours | | \$54.05 | \$69.52 | \$84.97 | |

Subdivision of county Townships of Deerfield, Tyrone, Hartland, Oceola, Genoa and Brighton
ONLY

| | | | | | | |
|----------|-----------------------------------|----------|---------|---------|---------|-------------------|
| EC-58-SC | | 7/5/2017 | | | | |
| | Sound and Communication Installer | | \$40.35 | \$54.45 | \$68.55 | H H H H H H H D N |
| | Apprentice Rates: | | | | | |
| | Period 1 | | \$26.75 | \$34.05 | \$41.35 | |
| | Period 2 | | \$28.11 | \$36.09 | \$44.07 | |
| | Period 3 | | \$29.47 | \$38.13 | \$46.79 | |
| | Period 4 | | \$30.83 | \$40.17 | \$49.51 | |
| | Period 5 | | \$32.19 | \$42.21 | \$52.23 | |
| | Period 6 | | \$33.55 | \$44.25 | \$54.95 | |

Subdivision of county the townships of Deerfield, Tyrone, Hartland, Oceola, Genoa, & Brighton

Official Request #: 97
Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation
Project Number:
County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted
on the construction site, in a conspicuous place, a copy
of all prevailing wage and fringe benefit rates
prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 9 of 45

| Classification Name | Description | Last Updated | Straight Time and Hourly | Half | a Double Time | Overtime Provision |
|------------------------|---|-----------------|-----------------------------|---------|------------------|-----------------------|
| EC-665-IW | | 6/7/2017 | | | | |
| | Journeyman Electrician - Inside Wireman | | \$57.39 | \$75.68 | \$93.97 | H H D H H H D D Y |
| | Apprentice Rates: | | | | | |
| | 0-1000 hours | | \$32.68 | \$41.83 | \$50.97 | |
| | 1000-2000 hours | | \$34.51 | \$44.57 | \$54.63 | |
| | 2000-3500 hours | | \$36.33 | \$47.30 | \$58.27 | |
| | 3500-5000 hours | | \$40.34 | \$52.23 | \$64.12 | |
| | 5000-6500 hours | | \$42.17 | \$54.97 | \$67.78 | |
| | 6500-8000 hours | | \$43.99 | \$57.71 | \$71.42 | |

comment

A four day schedule of ten hours a day is allowed Monday thru Friday.

Subdivision of county Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

| | | | | | | |
|-----------|------------------------------------|----------|---------|---------|---------|-------------------|
| EC-665-SD | | 6/7/2017 | | | | |
| | Sound and Communication Journeyman | | \$45.23 | \$59.38 | \$73.53 | H H D H H H D D Y |
| | Apprentice Rates: | | | | | |
| | 1st period | | \$26.07 | \$33.15 | \$40.23 | |
| | 2nd period | | \$27.98 | \$35.77 | \$43.55 | |
| | 3rd period | | \$29.88 | \$38.37 | \$46.86 | |
| | 4th period | | \$31.81 | \$41.01 | \$50.21 | |
| | 5th period | | \$33.72 | \$43.63 | \$53.53 | |
| | 6th period | | \$35.64 | \$46.25 | \$56.86 | |

comment

A four day schedule of ten hours a day is allowed Monday thru Friday. On 4 ten hour

Subdivision of county days, time and one half after ten hours. Double time starts after the 12th hour. Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

Elevator Constructor

| | | | | | | |
|-------|-------------------------------|----------|---------|--|----------|-------------------|
| EL-85 | | 4/8/2013 | | | | |
| | Elevator Constructor Mechanic | | \$70.77 | | \$116.32 | D D D D D D D D Y |
| | Apprentice Rates: | | | | | |
| | 1st year | | \$50.27 | | \$75.32 | |
| | 2nd year | | \$54.83 | | \$84.44 | |
| | 3rd year | | \$57.10 | | \$88.98 | |
| | 4th year | | \$61.66 | | \$98.10 | |

comment

4 tens allowed M-TH

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 10 of 45

| Classification | Name | Description | Last Updated | Straight Time and Hourly | Half | a Double Time | Overtime Provision |
|----------------|------|-------------|--------------|--------------------------|------|---------------|--------------------|
|----------------|------|-------------|--------------|--------------------------|------|---------------|--------------------|

Glazier

GL-357 8/24/2016 \$49.50 \$65.23 \$80.95 H H H H H H H D Y
Glazier

Apprentice Rates:

| | | | |
|--------------|---------|---------|---------|
| 1st 6 months | \$33.77 | \$41.63 | \$49.49 |
| 2nd 6 months | \$35.35 | \$44.00 | \$52.65 |
| 3rd 6 months | \$38.49 | \$48.71 | \$58.93 |
| 4th 6 months | \$40.06 | \$51.07 | \$62.07 |
| 5th 6 months | \$41.64 | \$53.43 | \$65.23 |
| 6th 6 months | \$43.21 | \$55.79 | \$68.37 |
| 7th 6 months | \$44.78 | \$58.15 | \$71.51 |
| 8th 6 months | \$47.93 | \$62.87 | \$77.81 |

comment

If a four 10 hour day workweek is scheduled, four 10s must be consecutive, M-F.

Subdivision of county Eastern half including the City of Howell.

GL-826 6/3/2016 \$44.78 \$60.87 \$76.95 H H H H H H H D Y
Glazier

Apprentice Rates:

| | | | |
|--------------|---------|---------|---------|
| 1st 6 months | \$31.91 | \$41.57 | \$51.21 |
| 2nd 6 months | \$33.52 | \$43.98 | \$54.43 |
| 3rd 6 months | \$35.12 | \$46.38 | \$57.63 |
| 4th 6 months | \$36.74 | \$48.81 | \$60.87 |
| 5th 6 months | \$38.35 | \$51.22 | \$64.09 |
| 6th 6 months | \$39.96 | \$53.64 | \$67.31 |
| 7th 6 months | \$41.57 | \$56.05 | \$70.53 |
| 8th 6 months | \$43.17 | \$58.45 | \$73.73 |

comment

4 tens allowed on consecutive days

Subdivision of county western half of county including City of Howell

Heat and Frost Insulator

AS25S 3/31/2017 \$29.04 \$42.35 X X X H H H H H N
Spray Insulation - Qualified Senior Sprayer, application of all products

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Statewide

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 11 of 45

| Classification | Name | Description | Last Updated | Straight Time and Hourly | a Double Half | Time | Overtime Provision |
|----------------|------|-------------|--------------|--------------------------|---------------|------|--------------------|
|----------------|------|-------------|--------------|--------------------------|---------------|------|--------------------|

Heat and Frost Insulator and Asbestos Worker

AS47 7/25/2017
Heat and Frost Insulator and Asbestos Worker \$47.75 \$63.01 \$78.27 H H H H H H H D Y

Apprentice Rates:

| | | | |
|----------|---------|---------|---------|
| 1st year | \$27.88 | \$35.51 | \$43.14 |
| 2nd year | \$31.85 | \$41.00 | \$50.16 |
| 3rd year | \$35.82 | \$46.50 | \$57.18 |
| 4th year | \$39.80 | \$52.01 | \$64.22 |
| 5th year | \$43.78 | \$57.51 | \$71.25 |

comment make up day allowed
Friday for cancelled work in a four 10 hour schedule

Ironworker

IR-25-F2 3/31/2017
Fence, Sound Barrier & Guardrail erection/installation and Exterior Signage work \$31.95 \$42.05 \$52.15 X X H X X X H D Y

Apprentice Rates:

| | | | |
|-----------|---------|---------|---------|
| 60% Level | \$22.99 | \$29.05 | \$35.11 |
| 65% Level | \$24.11 | \$30.68 | \$37.24 |
| 70% Level | \$25.24 | \$32.31 | \$39.38 |
| 75% Level | \$26.35 | \$33.92 | \$41.50 |
| 80% Level | \$27.47 | \$35.55 | \$43.63 |
| 85% Level | \$28.59 | \$37.18 | \$45.76 |

comment
Four ten hour work days may be worked during Monday-Saturday.

IR-25-GZ2 7/5/2017
Siding, Glazing, Curtain Wall \$48.13 \$59.92 \$71.70 X X H H H H D D Y

Apprentice Rates:

| | | | |
|---------|---------|---------|---------|
| Level 1 | \$31.20 | \$37.93 | \$44.65 |
| Level 2 | \$33.31 | \$40.67 | \$48.02 |
| Level 3 | \$35.42 | \$43.41 | \$51.39 |
| Level 4 | \$37.54 | \$46.16 | \$54.77 |
| Level 5 | \$39.66 | \$48.92 | \$58.17 |
| Level 6 | \$41.78 | \$51.67 | \$61.55 |

comment make up day allowed
Friday, 4 tens may be worked Monday thru Thursday @ straight time.

Official Request #: 97

Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation

Project Number:
County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 12 of 45

| Classification Name | Description | Last Updated | Straight Time and Hourly | Half | a Double Time | Overtime Provision |
|------------------------|---|-------------------------|-----------------------------|---------|------------------|-----------------------|
| IR-25-PE-Z1 | | 3/31/2017 | | | | |
| | Pre-engineered Metal Work | | \$48.09 | \$58.86 | \$69.63 | X X H X X X D Y |
| | Apprentice Rates: | | | | | |
| | Probation 1st Year | | \$26.83 | \$32.03 | \$37.23 | |
| | 1st Level | | \$28.96 | \$34.92 | \$40.88 | |
| | 2nd Level | | \$28.96 | \$34.92 | \$40.88 | |
| | 3rd Level | | \$31.08 | \$37.79 | \$44.50 | |
| | 4th Level | | \$33.21 | \$40.68 | \$48.15 | |
| | 5th Level | | \$35.33 | \$43.55 | \$51.77 | |
| | 6th Level | | \$37.46 | \$46.43 | \$55.41 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 tens allowed M-Th with Saturday make up day | | | | | |
| | <u>Subdivision of county</u> | East of Burkhardt Road. | | | | |

| | | | | | | |
|----------------|---|------------------------|---------|---------|---------|-----------------|
| IR-25-PE-Z2 | | 3/31/2017 | | | | |
| | Pre-engineered Metal Work | | \$45.87 | \$56.03 | \$66.19 | X X H X X X D Y |
| | Apprentice Rates: | | | | | |
| | Probation 1st Year | | \$26.83 | \$32.03 | \$37.23 | |
| | 1st Level | | \$28.96 | \$34.92 | \$40.88 | |
| | 2nd Level | | \$28.96 | \$34.92 | \$40.88 | |
| | 3rd Level | | \$31.08 | \$37.79 | \$44.50 | |
| | 4th Level | | \$33.21 | \$40.68 | \$48.15 | |
| | 5th Level | | \$35.33 | \$43.55 | \$51.77 | |
| | 6th Level | | \$37.46 | \$46.43 | \$55.41 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 tens allowed M-Th with Saturday make up day | | | | | |
| | <u>Subdivision of county</u> | West of Burkhardt Road | | | | |

| | | | | | | |
|----------|----------------------------|----------|---------|---------|----------|-------------------|
| IR-25-RF | | 7/5/2017 | | | | |
| | Reinforced Iron Work | | \$57.30 | \$85.66 | \$114.02 | H H D H D D D D N |
| | Apprentice Rates: | | | | | |
| | Level 1 | | \$40.32 | \$59.89 | \$79.46 | |
| | Level 2 | | \$42.68 | \$63.43 | \$84.18 | |
| | Level 3 | | \$45.22 | \$67.24 | \$89.26 | |
| | Level 4 | | \$47.75 | \$71.04 | \$94.32 | |
| | Level 5 | | \$50.29 | \$74.84 | \$99.40 | |
| | Level 6 | | \$50.29 | \$74.84 | \$99.40 | |
| | <i>make up day allowed</i> | | | | | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 13 of 45

| <u>Classification</u> | | | | | | | | | |
|---|--|--------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision | | | |
| IR-25-RIG | | 7/5/2017 | | | | | | | |
| Rigging Work | | | \$63.51 | \$95.00 | \$126.49 | H H H H H H D N | | | |
| | Apprentice Rates: | | | | | | | | |
| | Level 1 & 2 | | \$38.22 | \$56.16 | \$74.85 | | | | |
| | Level 3 | | \$41.05 | \$61.54 | \$82.01 | | | | |
| | Level 4 | | \$43.87 | \$65.76 | \$87.65 | | | | |
| | Level 5 | | \$46.70 | \$70.01 | \$93.31 | | | | |
| | Level 6 | | \$49.53 | \$74.25 | \$98.97 | | | | |
| IR-25-SD | | 7/5/2017 | | | | | | | |
| Decking | | | \$55.47 | \$82.87 | \$110.26 | X X H H H H D D Y | | | |
| | <i>comment make up day allowed</i> | | | | | | | | |
| | 4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. | | | | | | | | |
| IR-25-STR | | 7/5/2017 | | | | | | | |
| Structural, ornamental, welder and pre-cast | | | \$63.64 | \$95.12 | \$126.60 | H H H H H H D D Y | | | |
| | Apprentice Rates: | | | | | | | | |
| | Levels 1 & 2 | | \$38.22 | \$56.99 | \$75.75 | | | | |
| | Level 3 | | \$41.05 | \$61.24 | \$81.41 | | | | |
| | Level 4 | | \$43.87 | \$65.46 | \$87.05 | | | | |
| | Level 5 | | \$46.70 | \$69.71 | \$92.71 | | | | |
| | Level 6 | | \$49.53 | \$73.95 | \$98.37 | | | | |
| | Level 7 | | \$52.35 | \$78.18 | \$104.01 | | | | |
| | Level 8 | | \$55.18 | \$82.43 | \$109.67 | | | | |
| | <i>comment make up day allowed</i> | | | | | | | | |
| | 4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. | | | | | | | | |
| IR-25-STR-D | | 7/5/2017 | | | | | | | |
| Industrial Door erection & construction | | | \$43.74 | \$65.27 | \$86.80 | H H H H H H D D Y | | | |
| | <i>comment make up day allowed</i> | | | | | | | | |
| | Friday for bad weather when 4 tens scheduled for M-Th. If holiday celebrated on M, 4 tens may be worked T-F. Work in excess of 12 hours per day must be paid @ double time. | | | | | | | | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 14 of 45

| Classification | Last | Straight Time and | a Double | Overtime |
|---|-----------|-------------------|----------|-------------------------|
| Name Description | Updated | Hourly Half | Time | Provision |
| Laborer | | | | |
| L1076-A-A | 5/31/2017 | | | |
| Construction laborer, demolition laborer, mason tender, carpenter tender, drywall handler, concrete laborer, concrete chute and concrete bucket handler, and cement finisher tender, wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator | | \$44.76 | \$63.69 | \$82.61 H H H H H H D Y |
| Apprentice Rates: | | | | |
| 0-1,000 work hours | | \$38.67 | \$54.55 | \$70.43 |
| 1,001-2,000 work hours | | \$39.89 | \$56.38 | \$72.87 |
| 2,001-3,000 work hours | | \$41.11 | \$58.21 | \$75.31 |
| 3,001-4,000 work hours | | \$43.54 | \$61.86 | \$80.17 |
| <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of Oak Grove Road. weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| L1076-A-B | 5/31/2017 | | | |
| Signal man (on sewer and caisson work); air, electric or gasoline tool operator (including concrete vibrator operator, acetylene torch and air hammer operator); Scaffold builder; Caisson worker | | \$45.04 | \$64.11 | \$83.17 H H H H H H D Y |
| <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of Oak Grove Road. weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| L1076-A-C | 5/31/2017 | | | |
| Lansing burner, blaster and powder man; air, electric or gasoline tool operator (Blast Furnace work or Battery Work) | | \$45.55 | \$64.87 | \$84.19 H H H H H H D Y |
| <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of Oak Grove Road. weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| L1076-A-D | 5/31/2017 | | | |
| Furnace battery heater tenders, burning bar and oxy-acetylene gun | | \$45.28 | \$62.67 | \$80.10 H H H H H H D Y |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 15 of 45

| Classification | | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|--|---|--------------|--------------------------|---------------|-------------------------|
| Name | Description | | | | |
| ===== | | | | | |
| | <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of | | | | |
| Oak Grove Road. | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| ----- | | | | | |
| L1076-A-E | | 6/2/2017 | | | |
| Cleaner/sweeper laborer, furniture laborer - unloading of furniture to the point of installation, the setting in place or relocation of furniture. | | | \$39.31 | \$55.51 | \$71.71 H H H H H H D Y |
| | <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of | | | | |
| Oak Grove Road. | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| ----- | | | | | |
| L1076-A-F | | 6/2/2017 | | | |
| Expediter man, top and/or bottom man (Blast Furnace work or Battery Work) | | | \$46.07 | \$65.65 | \$85.23 H H H H H H D Y |
| | <i>comment make up day allowed</i> If conditions beyond the employer/employee's control prevent one or more hours of <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time North of M-59 and East of | | | | |
| Oak Grove Road | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | |
| ----- | | | | | |
| L499-A-A | | 7/21/2017 | | | |
| Laborer, demolition, drywall handlers, general jobsite cleanup | | | \$43.15 | \$57.50 | \$71.85 X X H H H H D Y |
| | Apprentice Rates: | | | | |
| | 0-1,000 hours | | \$37.03 | \$48.32 | \$59.61 |
| | 1,001-2,000 hours | | \$38.25 | \$50.15 | \$62.05 |
| | 2,001-3,000 hours | | \$39.47 | \$51.98 | \$64.49 |
| | 3,001-4,000 hours | | \$41.93 | \$55.67 | \$69.41 |
| | <i>comment make up day allowed</i> Saturday <u>Subdivision of county</u> Area within M-59 north boundary, OakGrove Rd on west, south from Howell to and including Pinckney | | | | |
| ----- | | | | | |
| L499-A-ACTA | | 7/21/2017 | | | |
| Wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator | | | \$45.60 | \$64.90 | \$84.20 H H H H H H D Y |
| | Apprentice Rates: | | | | |
| | 0 - 1,000 hours | | \$39.16 | \$55.24 | \$71.32 |
| | 1,001 - 2,000 hours | | \$40.65 | \$57.48 | \$74.30 |
| | 2,001 - 3,000 hours | | \$41.89 | \$59.34 | \$76.78 |
| | 3,001 - 4,000 hours | | \$44.36 | \$63.04 | \$81.72 |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 16 of 45

| <u>Classification</u> | | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|---|---|--------------|--------------------------|---------------|-----------------------------|
| Name | Description | | | | |
| ===== | | | | | |
| <i>comment</i> | <i>make up day allowed</i> | | | | |
| If conditions beyond the employer/employee's control prevent one or more hours of | | | | | |
| <u>Subdivision of county</u> | working during Mon-Fri, the employer may choose to work up to 10 hour straight time | | | | Boundary M-59 on the North, |
| Pinckney Road | and Dexter- Pinckney Road on | | | | |
| weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of the West, South of Howell to and including Pinckney | | | | | |
| reaching 40 hours @ straight time. Make up days may also include 8 hours of work on | | | | | |
| Saturdays @ straight time. | | | | | |

| | | | | | | | | | |
|--|-----------|---------|---------|---------|---|---|---|---|---|
| L499-A-B | 7/21/2017 | | | | | | | | |
| Mortar Mixers, Material Mixer (whether done by hand or machine), Air, | | \$43.36 | \$57.82 | \$72.27 | X | X | H | H | H |
| Gas, Electric, Tool Operators, Power Buggy Operators, Stone Setter, | | | | | | | | | |
| Tenders, Scaffold Builders or Dismantlers, Windlass Operators, Tar and | | | | | | | | | |
| Kettle Operators. | | | | | | | | | |

Apprentice Rates:

| | | | |
|-------------------|---------|---------|---------|
| 0-1,000 hours | \$37.18 | \$48.55 | \$59.91 |
| 1,001-2,000 hours | \$38.42 | \$50.41 | \$62.39 |
| 2,001-3,000 hours | \$39.65 | \$52.25 | \$64.85 |
| 3,001-4,000 hours | \$42.12 | \$55.95 | \$69.79 |

comment *make up day allowed*

Saturday

Subdivision of county

Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

| | | | | | | | | | |
|---|-----------|---------|---------|---------|---|---|---|---|---|
| L499-A-B2 | 7/21/2017 | | | | | | | | |
| Jack hammering and chipping on concrete | | \$43.66 | \$58.27 | \$72.87 | X | X | H | H | H |

Apprentice Rates:

| | | | |
|-------------------|---------|---------|---------|
| 0-1,000 hours | \$37.41 | \$48.89 | \$60.37 |
| 1,001-2,000 hours | \$38.66 | \$50.77 | \$62.87 |
| 2,001-3,000 hours | \$39.91 | \$52.64 | \$65.37 |
| 3,001-4,000 hours | \$42.41 | \$56.39 | \$70.37 |

comment *make up day allowed*

Saturday

Subdivision of county

South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

| | | | | | | | | | |
|---------------------------------------|-----------|---------|---------|---------|---|---|---|---|---|
| L499-A-C | 7/21/2017 | | | | | | | | |
| Crock or pipe laborer, caisson worker | | \$43.48 | \$58.00 | \$72.51 | X | X | H | H | H |

Apprentice Rates:

| | | | |
|-------------------|---------|---------|---------|
| 0-1,000 hours | \$37.27 | \$48.68 | \$60.09 |
| 1,001-2,000 hours | \$38.51 | \$50.54 | \$62.57 |
| 2,001-3,000 hours | \$39.76 | \$52.41 | \$65.07 |
| 3,001-4,000 hours | \$42.24 | \$56.13 | \$70.03 |

comment *make up day allowed*

Saturday

Subdivision of county

South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 17 of 45

| Classification | Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------------------------------|--|--------------|-----------------|---------------|---------------|--------------------|
| L499-A-D | | | 7/21/2017 | | | | |
| | | Watchmen, Civil Engineer Helpers, or Rodmen | | \$42.33 | \$56.27 | \$70.21 | X X H H H H H D Y |
| | | Apprentice Rates: | | | | | |
| | | 0-1,000 hours | | \$36.41 | \$47.39 | \$58.37 | |
| | | 1,001-2,000 hours | | \$37.59 | \$49.16 | \$60.73 | |
| | | 2,001-3,000 hours | | \$38.78 | \$50.95 | \$63.11 | |
| | | 3,001-4,000 hours | | \$41.15 | \$54.50 | \$67.85 | |
| | <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | Saturday | | | | | | |
| | <u>Subdivision of county</u> | South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney | | | | | |
| L499-A-E | | | 7/21/2017 | | | | |
| | | Final cleaning: washing or cleaning of walls, partitions, ceilings, windows, bathrooms, kitchens, laboratories and all fixtures and facilities therein. Clean-up mopping, washing, waxing and polishing or dusting of all floors or areas. | | \$40.06 | \$52.87 | \$65.67 | X X H H H H H D Y |
| | | Apprentice Rates: | | | | | |
| | | 0-1,000 work hours | | \$34.71 | \$44.84 | \$54.97 | |
| | | 1,001-2,000 work hours | | \$35.78 | \$46.45 | \$57.11 | |
| | | 2,001-3,000 work hours | | \$36.85 | \$48.05 | \$59.25 | |
| | | 3,001-4,000 work hours | | \$38.99 | \$51.26 | \$63.53 | |
| | <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | Saturday | | | | | | |
| | <u>Subdivision of county</u> | South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney | | | | | |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 18 of 45

| Classification | | Last Updated | Straight Time and Hourly | Half | a Double Time | Overtime Provision |
|----------------|--|--------------|--------------------------|---------|---------------|--------------------|
| Name | Description | | | | | |
| L499L | | 5/31/2017 | | | | |
| | Journey person - building and heavy construction craft Laborer, portable concrete mixer operators (14 horsepower and under), air, electric or gasoline tool operators, hot dope carriers, tar kettle tenders, gasoline vibrators, concrete gas buggies, concrete saw, signal person and top person on sewer, caisson construction (open cut work), concrete shovelers, car pushers and bottom person (on sewer work). Demolition Laborer, three inch (3'') pumps and below, jobsite clean-up, deep cleaning, and when full-time fire watch is required by the Contractor signatory to this Agreement, the Laborers' will be utilized to supply the fire watch, jackhammer operators, burner, crock layers (or pipe layers), caisson workers, tunnel muckers and tunnel miners, welder, mason tender, mortar mixer, scaffold builders, forklift operator (masonry only), helpers and tenders on work customarily performed by Laborers and all Laborers working for masonry Contractors and plasterer tenders | | \$36.72 | \$48.55 | \$60.37 | X X H H H H H D Y |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 19 of 45

| Classification | Name | Description | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|----------------|--|---|--------------|--------------------------|---------------|--------------------|
| ===== | | | | | | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | f conditions beyond the employer/employee's control prevent one or more hours of | | | | | |
| | <u>Subdivision of county</u> | working during Mon-Fri, the employer may choose to work up to 10 hour straight time | | | | |
| | North of M-59 & east of Oak | | | | | |
| | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. | | | | | |

| | | | | | | |
|---|---------------------|---------|---------|---------|-------------------|--|
| LPT-2 | 6/17/2016 | | | | | |
| Plasterer Tender, Plastering Machine Operator | | \$45.18 | \$64.31 | \$83.44 | H H H H H H H D Y | |
| Apprentice Rates: | | | | | | |
| | 0 - 1,000 hours | \$38.77 | \$54.70 | \$70.62 | | |
| | 1,001 - 2,000 hours | \$40.30 | \$56.99 | \$73.68 | | |
| | 2,001 - 3,000 hours | \$41.52 | \$58.82 | \$76.12 | | |
| | 3,001 - 4,000 hours | \$43.96 | \$62.48 | \$81.00 | | |

| | | | | | | | | | | | |
|----------------|---|---|--|--|--|--|--|--|--|--|--|
| <i>comment</i> | <i>make up day allowed</i> | | | | | | | | | | |
| | If conditions beyond the employer/employee's control prevent one or more hours of | | | | | | | | | | |
| | <u>Subdivision of county</u> | working during Mon-Fri, the employer may choose to work up to 10 hour straight time south of M-59 & east of Oak | | | | | | | | | |
| Grove Rd. | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of | | | | | | | | | | |
| | reaching 40 hours @ straight time. Make up days may also include 8 hours of work on | | | | | | | | | | |
| | Saturdays @ straight time. | | | | | | | | | | |

Laborer - Hazardous

| | | | | | | |
|---|------------------------|---------|---------|---------|-------------------|--|
| LHAZ-Z2-A | 11/13/2017 | | | | | |
| Class A Laborer - performing work in conjunction with site preparation | | \$44.76 | \$63.69 | \$82.61 | H H H H H H H D Y | |
| and other preliminary work prior to actual removal, handling, or | | | | | | |
| containment of hazardous waste substances not requiring use of | | | | | | |
| personal protective equipment required by state or federal regulations; | | | | | | |
| or a laborer performing work in conjunction with the removal, handling, | | | | | | |
| or containment of hazardous waste substances when used of personal | | | | | | |
| protective equipment level "D" is required. | | | | | | |
| Apprentice Rates: | | | | | | |
| | 0-1,000 work hours | \$38.67 | \$54.55 | \$70.43 | | |
| | 1,001-2,000 work hours | \$39.89 | \$56.38 | \$72.87 | | |
| | 2,001-3,000 work hours | \$41.11 | \$58.21 | \$75.31 | | |
| | 3,001-4,000 work hours | \$43.54 | \$61.86 | \$80.17 | | |

| | |
|------------------------------|--|
| <i>comment</i> | <i>make up day allowed</i> |
| | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday |
| <u>Subdivision of county</u> | the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south. |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted
 on the construction site, in a conspicuous place, a copy
 of all prevailing wage and fringe benefit rates
 prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 20 of 45

| <u>Classification</u> | | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> | |
|------------------------------|--|----------------|--------------------------|-----------------|-----------------|------------------|
| <u>Name</u> | <u>Description</u> | <u>Updated</u> | <u>Hourly</u> | <u>Half</u> | <u>Time</u> | <u>Provision</u> |
| LHAZ-Z2-B | | 11/13/2017 | | | | |
| | Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required. | | \$45.76 | \$65.19 | \$84.61 | H H H H H H D Y |
| | Apprentice Rates: | | | | | |
| | 0-1,000 work hours | | \$39.42 | \$55.68 | \$71.93 | |
| | 1,001-2,000 work hours | | \$40.69 | \$57.58 | \$74.47 | |
| | 2,001-3,000 work hours | | \$41.96 | \$59.48 | \$77.01 | |
| | 3,001-4,000 work hours | | \$44.49 | \$63.28 | \$82.07 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday | | | | | |
| <u>Subdivision of county</u> | the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south | | | | | |
| LHAZ-Z3-A | | 11/13/2017 | | | | |
| | Class A performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulations; or a laborer performing work in conjunction with the removal, handling, or containment of hazardous waste substances when use of personal protective equipment level "D" is required. | | \$43.15 | \$61.68 | \$80.20 | H H H H H H D Y |
| | Apprentice Rates: | | | | | |
| | 0-1,000 work hours | | \$37.03 | \$52.50 | \$67.96 | |
| | 1,001-2,000 work hours | | \$38.25 | \$54.33 | \$70.40 | |
| | 2,001-3,000 work hours | | \$39.47 | \$56.16 | \$72.84 | |
| | 3,001-4,000 work hours | | \$41.93 | \$59.85 | \$77.76 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday | | | | | |
| <u>Subdivision of county</u> | the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59. | | | | | |
| LHAZ-Z3-B | | 11/13/2017 | | | | |
| | Class B performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required. | | \$44.15 | \$63.30 | \$82.45 | H H H H H H D Y |
| | Apprentice Rates: | | | | | |
| | 0-1,000 work hours | | \$37.77 | \$53.73 | \$69.69 | |
| | 1,001-2,000 work hours | | \$39.05 | \$55.65 | \$72.25 | |
| | 2,001-3,000 work hours | | \$40.33 | \$57.57 | \$74.81 | |
| | 3,001-4,000 work hours | | \$42.87 | \$61.38 | \$79.89 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday | | | | | |
| <u>Subdivision of county</u> | the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59. | | | | | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 21 of 45

| <u>Classification</u> | | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> | |
|------------------------------|--|----------------|--------------------------|-----------------|-----------------|------------------|
| <u>Name</u> | <u>Description</u> | <u>Updated</u> | <u>Hourly</u> | <u>Half</u> | <u>Time</u> | <u>Provision</u> |
| ===== | | | | | | |
| LHAZ-Z6-A | | 11/13/2017 | | | | |
| | Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulations; or a laborer performing work in conjunction with the removal, handling, or containment of hazardous waste substances when use of personal protective equipment level "D" is required. | | \$36.72 | \$52.05 | \$67.37 | H H H H H H D Y |
| | Apprentice Rates: | | | | | |
| | 0-1,000 work hours | | \$30.81 | \$43.18 | \$55.55 | |
| | 1,001-2,000 work hours | | \$31.99 | \$44.95 | \$57.91 | |
| | 2,001-3,000 work hours | | \$33.17 | \$46.72 | \$60.27 | |
| | 3,001-4,000 work hours | | \$35.54 | \$50.27 | \$65.01 | |
| <i>comment</i> | <i>make up day allowed</i> | | | | | |
| | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday | | | | | |
| <i>Subdivision of county</i> | the western part, west of Oak Grove Road; the entire city of Howell | | | | | |

| | | | | | | |
|---|---|------------|---------|---------|---------|-----------------|
| LHAZ-Z6-B | | 11/13/2017 | | | | |
| | Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required. | | \$37.72 | \$53.55 | \$69.37 | H H H H H H D Y |
| Apprentice Rates: | | | | | | |
| | 0-1,000 work hours | | \$31.56 | \$44.31 | \$57.05 | |
| | 1,001-2,000 work hours | | \$32.79 | \$46.15 | \$59.51 | |
| | 2,001-3,000 work hours | | \$34.02 | \$47.99 | \$61.97 | |
| | 3,001-4,000 work hours | | \$36.49 | \$51.70 | \$66.91 | |
| <i>comment make up day allowed</i> | | | | | | |
| 4 10s allowed M-Th or T-F; inclement weather makeup day Friday | | | | | | |
| <u>Subdivision of county</u> the western part, west of Oak Grove Road; the entire city of Howell. | | | | | | |

Laborer Underground - Open Cut, Class VI

| | | | | | | |
|--------------------------|---|----------|---------|---------|---------|-----------------|
| LAUC-Z2-6 | | 9/7/2017 | | | | |
| | Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenances. | | \$34.32 | \$44.90 | \$55.47 | X X X X X X D Y |
| Apprentice Rates: | | | | | | |
| | 0-1,000 work hours | | \$29.74 | \$38.03 | \$46.31 | |
| | 1,001-2,000 work hours | | \$30.66 | \$39.41 | \$48.15 | |
| | 2,001-3,000 work hours | | \$31.58 | \$40.79 | \$49.99 | |
| | 3,001-4,000 work hours | | \$33.40 | \$43.52 | \$53.63 | |

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 22 of 45

| <u>Classification</u> | | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|-----------------------|-------------|--------------|--------------------------|---------------|--------------------|
| Name | Description | | | | |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

| | | | | | |
|--|----------|---------|---------|---------|-----------------|
| LAUC-Z3-6 | 9/7/2017 | | | | |
| Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation & repair of water service pipe & appurtenances | | \$32.51 | \$42.19 | \$51.85 | X X X X X X D Y |

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$28.39 | \$36.01 | \$43.61 |
| 1,001-2,000 work hours | \$29.21 | \$37.23 | \$45.25 |
| 2,001-3,000 work hours | \$30.04 | \$38.48 | \$46.91 |
| 3,001-4,000 work hours | \$31.69 | \$40.95 | \$50.21 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Laborer Underground - Open Cut, Class I

| | | | | | |
|--------------------------|----------|---------|---------|---------|-----------------|
| LAUC-Z2-1 | 9/7/2017 | | | | |
| Construction Laborer | | \$36.57 | \$48.28 | \$59.97 | X X X X X X D Y |
| Apprentice Rates: | | | | | |
| 0-1,000 work hours | | \$31.43 | \$40.57 | \$49.69 | |
| 1,001-2,000 work hours | | \$32.46 | \$42.11 | \$51.75 | |
| 2,001-3,000 work hours | | \$33.49 | \$43.65 | \$53.81 | |
| 3,001-4,000 work hours | | \$35.54 | \$46.73 | \$57.91 | |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

| | | | | | |
|--------------------------|----------|---------|---------|---------|-----------------|
| LAUC-Z3-1 | 9/7/2017 | | | | |
| Construction Laborer | | \$34.76 | \$45.56 | \$56.35 | X X X X X X D Y |
| Apprentice Rates: | | | | | |
| 0-1,000 work hours | | \$30.08 | \$38.54 | \$46.99 | |
| 1,001-2,000 work hours | | \$31.01 | \$39.93 | \$48.85 | |
| 2,001-3,000 work hours | | \$31.95 | \$41.35 | \$50.73 | |
| 3,001-4,000 work hours | | \$33.82 | \$44.15 | \$54.47 | |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Official Request #: 97
 Requestor: Fowlerville Community Schools
 Project Description: District Wide Technology Installation
 Project Number:
 County: Livingston

Official Rate Schedule
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 23 of 45

| <u>Classification</u> | Last | Straight Time and | a Double | Overtime |
|-----------------------|---------|-------------------|----------|-----------|
| Name Description | Updated | Hourly Half | Time | Provision |

~~~~~
Laborer Underground - Open Cut, Class II
~~~~~

LAUC-Z2-2 9/7/2017
Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.

\$36.68 \$48.44 \$60.19 X X X X X X D Y

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$31.52 | \$40.70 | \$49.87 |
| 1,001-2,000 work hours | \$32.55 | \$42.25 | \$51.93 |
| 2,001-3,000 work hours | \$33.58 | \$43.79 | \$53.99 |
| 3,001-4,000 work hours | \$35.65 | \$46.89 | \$58.13 |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

~~~~~  
LAUC-Z3-2 9/7/2017  
Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector.

\$34.90 \$45.93 \$56.95 X X X X X X D Y

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$30.18 | \$38.85 | \$47.51 |
| 1,001-2,000 work hours | \$31.12 | \$40.26 | \$49.39 |
| 2,001-3,000 work hours | \$32.07 | \$41.69 | \$51.29 |
| 3,001-4,000 work hours | \$33.96 | \$44.52 | \$55.07 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**~~~~~**  
**Laborer Underground - Open Cut, Class III**  
**~~~~~**

LAUC-Z2-3 9/7/2017  
Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger man, and directional boring man.

\$36.80 \$48.62 \$60.43 X X X X X X D Y

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.60 | \$40.82 | \$50.03 |
| 1,001-2,000 work hours | \$32.64 | \$42.38 | \$52.11 |
| 2,001-3,000 work hours | \$33.68 | \$43.94 | \$54.19 |
| 3,001-4,000 work hours | \$35.76 | \$47.06 | \$58.35 |

~~~~~  
Official Request #: 97
Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation
Project Number:
County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 26 of 45

| <u>Classification</u> | | Last | Straight Time and | a Double | Overtime | |
|-----------------------|-------------|---------|-------------------|----------|----------|-----------|
| Name | Description | Updated | Hourly | Half | Time | Provision |
| <hr/> | | | | | | |

Subdivision of county East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

LAUC-Z3-7 9/7/2017
 Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc. \$29.66 \$37.91 \$46.15 X X X X X X D Y

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$26.25 | \$32.79 | \$39.33 |
| 1,001-2,000 work hours | \$26.93 | \$33.81 | \$40.69 |
| 2,001-3,000 work hours | \$27.61 | \$34.83 | \$42.05 |
| 3,001-4,000 work hours | \$28.98 | \$36.89 | \$44.79 |

Subdivision of county West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**~~~~~
 Laborer Underground - Tunnel, Shaft & Caisson
 ~~~~~**

LAUCT-Z2-1 9/7/2017  
 Class I - Tunnel, shaft and caisson laborer, dump man, shanty man, hog house tender, testing man (on gas), and watchman. \$36.82 \$48.70 \$60.57 X X X X X X D Y

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.52 | \$40.75 | \$49.97 |
| 1,001-2,000 work hours | \$32.58 | \$42.34 | \$52.09 |
| 2,001-3,000 work hours | \$33.64 | \$43.93 | \$54.21 |
| 3,001-4,000 work hours | \$35.76 | \$47.11 | \$58.45 |

LAUCT-Z2-2 9/7/2017  
 Class II - Manhole, headwall, catch basin builder, bricklayer tender, mortar man, material mixer, fence erector, and guard rail builder \$36.91 \$48.83 \$60.75 X X X X X X D Y

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.58 | \$40.84 | \$50.09 |
| 1,001-2,000 work hours | \$32.65 | \$42.45 | \$52.23 |
| 2,001-3,000 work hours | \$33.71 | \$44.03 | \$54.35 |
| 3,001-4,000 work hours | \$35.84 | \$47.23 | \$58.61 |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 27 of 45

| Classification | Name | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|
| LAUCT-Z2-3     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9/7/2017     |                 |               |               |                    |
|                |      | Class III - Air tool operator (jack hammer man, bush hammer man and grinding man), first bottom man, second bottom man, cage tender, car pusher, carrier man, concrete man, concrete form man, concrete repair man, cement invert laborer, cement finisher, concrete shoveler, conveyor man, floor man, gasoline and electric tool operator, gunnite man, grout operator, welder, heading dinky man, inside lock tender, pea gravel operator, pump man, outside lock tender, scaffold man, top signal man, switch man, track man, tugger man, utility man, vibrator man, winch operator, pipe jacking man, wagon drill and air track operator and concrete saw operator (under 40 h.p.). |              | \$37.01         | \$48.98       | \$60.95       | X X X X X X X D Y  |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.66 | \$40.96 | \$50.25 |
| 1,001-2,000 work hours | \$32.73 | \$42.57 | \$52.39 |
| 2,001-3,000 work hours | \$33.80 | \$44.17 | \$54.53 |
| 3,001-4,000 work hours | \$35.94 | \$47.38 | \$58.81 |

|            |  |                                                                                                                      |          |         |         |         |                   |
|------------|--|----------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|
| LAUCT-Z2-4 |  |                                                                                                                      | 9/7/2017 |         |         |         |                   |
|            |  | Class IV - Tunnel, shaft and caisson mucker, bracer man, liner plate man, long haul dinky driver and well point man. |          | \$37.17 | \$49.22 | \$61.27 | X X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.78 | \$41.14 | \$50.49 |
| 1,001-2,000 work hours | \$32.86 | \$42.76 | \$52.65 |
| 2,001-3,000 work hours | \$33.93 | \$44.37 | \$54.79 |
| 3,001-4,000 work hours | \$36.09 | \$47.61 | \$59.11 |

|            |  |                                                                                                                                                                         |          |         |         |         |                   |
|------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|
| LAUCT-Z2-5 |  |                                                                                                                                                                         | 9/7/2017 |         |         |         |                   |
|            |  | Class V - Tunnel, shaft and caisson miner, drill runner, keyboard operator, power knife operator, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars) |          | \$37.43 | \$49.62 | \$61.79 | X X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.97 | \$41.43 | \$50.87 |
| 1,001-2,000 work hours | \$33.06 | \$43.06 | \$53.05 |
| 2,001-3,000 work hours | \$34.16 | \$44.71 | \$55.25 |
| 3,001-4,000 work hours | \$36.34 | \$47.98 | \$59.61 |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 28 of 45**

| <u>Classification</u> |                                         | <u>Last</u>    | <u>Straight Time and</u> |             | <u>a Double</u> | <u>Overtime</u> |   |   |   |   |   |   |   |
|-----------------------|-----------------------------------------|----------------|--------------------------|-------------|-----------------|-----------------|---|---|---|---|---|---|---|
| <u>Name</u>           | <u>Description</u>                      | <u>Updated</u> | <u>Hourly</u>            | <u>Half</u> | <u>Time</u>     |                 |   |   |   |   |   |   |   |
| =====                 |                                         |                |                          |             |                 |                 |   |   |   |   |   |   |   |
| LAUCT-Z2-6            |                                         | 9/7/2017       |                          |             |                 |                 |   |   |   |   |   |   |   |
|                       | Class VI - Dynamite man and powder man. |                | \$37.74                  | \$50.08     | \$62.41         | X               | X | X | X | X | X | D | Y |
|                       | <b>Apprentice Rates:</b>                |                |                          |             |                 |                 |   |   |   |   |   |   |   |
|                       | 0-1,000 work hours                      |                | \$32.20                  | \$41.77     | \$51.33         |                 |   |   |   |   |   |   |   |
|                       | 1,001-2,000 work hours                  |                | \$33.31                  | \$43.43     | \$53.55         |                 |   |   |   |   |   |   |   |
|                       | 2,001-3,000 work hours                  |                | \$34.42                  | \$45.10     | \$55.77         |                 |   |   |   |   |   |   |   |
|                       | 3,001-4,000 work hours                  |                | \$36.63                  | \$48.41     | \$60.19         |                 |   |   |   |   |   |   |   |

|            |                                                                                                                                                                                                            |          |         |         |         |                 |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-----------------|
| LAUCT-Z2-7 |                                                                                                                                                                                                            | 9/7/2017 |         |         |         |                 |
|            | Class VII - Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes and flagstones. |          | \$30.01 | \$38.48 | \$46.95 | X X X X X X D Y |
|            | <b>Apprentice Rates:</b>                                                                                                                                                                                   |          |         |         |         |                 |
|            | 0-1,000 work hours                                                                                                                                                                                         |          | \$26.41 | \$33.09 | \$39.75 |                 |
|            | 1,001-2,000 work hours                                                                                                                                                                                     |          | \$27.13 | \$34.17 | \$41.19 |                 |
|            | 2,001-3,000 work hours                                                                                                                                                                                     |          | \$27.85 | \$35.25 | \$42.63 |                 |
|            | 3,001-4,000 work hours                                                                                                                                                                                     |          | \$29.29 | \$37.41 | \$45.51 |                 |

**Landscape Laborer**

|           |                                                                                                                                                                                                                                                                              |            |         |         |         |                   |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|-------------------|
| LLAN-Z1-A |                                                                                                                                                                                                                                                                              | 10/13/2015 |         |         |         |                   |
|           | Landscape Specialist: includes air, gas, and diesel equipment operator, skidsteer (or equivalent), lawn sprinkler installer on landscaping work where seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintenance of landscape projects occurs. |            | \$28.98 | \$40.04 | \$51.09 | X X H X X X H D Y |

*comment*

Sundays paid at time & one half. Holidays paid at double time.

|           |                                                                                                                                                                                                                                                  |            |         |         |         |                   |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|-------------------|
| LLAN-Z1-B |                                                                                                                                                                                                                                                  | 10/13/2015 |         |         |         |                   |
|           | Skilled Landscape Laborer: small power tool operator, lawn sprinkler installers' tender, material mover, truck driver when seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintaining of landscape projects occurs |            | \$24.76 | \$33.71 | \$42.65 | X X H X X X H D Y |

*comment*

Sundays paid at time & one half. Holidays paid at double time.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 29 of 45

| Classification |             | Last    | Straight Time and | a Double | Overtime |           |
|----------------|-------------|---------|-------------------|----------|----------|-----------|
| Name           | Description | Updated | Hourly            | Half     | Time     | Provision |

**Marble Finisher**

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| BR1-MF                   |         | 10/20/2014 |         |         |         |                   |
| Marble Finisher          |         |            | \$43.48 | \$54.29 | \$65.10 | H H D H D D D D Y |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
|                          | Level 1 |            | \$19.04 | \$25.12 | \$31.20 |                   |
|                          | Level 2 |            | \$20.24 | \$26.92 | \$33.60 |                   |
|                          | Level 3 |            | \$27.01 | \$33.96 | \$40.90 |                   |
|                          | Level 4 |            | \$28.47 | \$36.14 | \$43.82 |                   |
|                          | Level 5 |            | \$29.99 | \$37.84 | \$45.70 |                   |
|                          | Level 6 |            | \$31.61 | \$39.86 | \$48.10 |                   |
|                          | Level 7 |            | \$33.30 | \$41.59 | \$49.87 |                   |
|                          | Level 8 |            | \$34.79 | \$43.48 | \$52.17 |                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Marble Mason**

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| BR1-MM                   |         | 10/17/2014 |         |         |         |                   |
| Marble Mason             |         |            | \$50.29 | \$64.51 | \$78.72 | H H D H D D D D Y |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
|                          | Level 1 |            | \$25.14 | \$32.65 | \$40.15 |                   |
|                          | Level 2 |            | \$28.20 | \$36.49 | \$44.78 |                   |
|                          | Level 3 |            | \$33.41 | \$41.97 | \$50.53 |                   |
|                          | Level 4 |            | \$36.15 | \$45.66 | \$55.17 |                   |
|                          | Level 5 |            | \$38.42 | \$48.17 | \$57.92 |                   |
|                          | Level 6 |            | \$42.07 | \$53.56 | \$65.05 |                   |
|                          | Level 7 |            | \$42.74 | \$54.38 | \$66.02 |                   |
|                          | Level 8 |            | \$43.67 | \$55.78 | \$67.88 |                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Operating Engineer**

|                               |  |          |         |         |         |                   |
|-------------------------------|--|----------|---------|---------|---------|-------------------|
| EN-AC                         |  | 6/7/2017 |         |         |         |                   |
| Compressor or Welding Machine |  |          | \$46.07 | \$57.38 | \$68.68 | X X H H D D D D Y |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 30 of 45

| Classification | Name                                      | Description                                                                        | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|----------------|-------------------------------------------|------------------------------------------------------------------------------------|--------------|--------------------------|---------|---------------|--------------------|
| =====          |                                           |                                                                                    |              |                          |         |               |                    |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Friday, Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday.      |              |                          |         |               |                    |
|                |                                           | Work not performed due to weather, Monday-Thursday may be scheduled on Friday.     |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-F           |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Forklift or Straight Mast                 |                                                                                    |              | \$47.52                  | \$59.55 | \$71.58       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather  |              |                          |         |               |                    |
|                |                                           | on M-Th may be scheduled on Friday                                                 |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-FO          |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Fireman or Oiler                          |                                                                                    |              | \$45.04                  | \$55.83 | \$66.62       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not     |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheduled on Friday.              |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-L           |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Lull or Extend-a-Boom Forklift            |                                                                                    |              | \$53.38                  | \$68.34 | \$83.30       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather  |              |                          |         |               |                    |
|                |                                           | on M-Th may be scheduled on Friday                                                 |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OS120       |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane with main boom & jib 120' or longer |                                                                                    |              | \$56.92                  | \$80.60 | \$104.28      | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Worked not   |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheuled Friday                   |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA         |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 220' or longer   |                                                                                    |              | \$58.03                  | \$75.32 | \$92.60       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not     |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheduled on Friday.              |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA3        |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 300' or longer   |                                                                                    |              | \$59.54                  | \$74.73 | \$90.41       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work         |              |                          |         |               |                    |
|                |                                           | unable to be performed due to weather, Monday-Thursday may be scheduled on Friday. |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA4        |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 400' or longer   |                                                                                    |              | \$61.04                  | \$79.83 | \$98.62       | X X H H D D D D Y  |
| =====          |                                           |                                                                                    |              |                          |         |               |                    |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 31 of 45**

| Classification | Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|-------------|--------------|-----------------|---------------|---------------|--------------------|
|----------------|------|-------------|--------------|-----------------|---------------|---------------|--------------------|

*comment make up day allowed*

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-OSB

6/7/2017

Crane with main boom and jib 140' or longer

\$57.74 \$74.88 \$92.02 X X H H D D D D Y

*comment make up day allowed*

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-RC

6/7/2017

Regular Crane Operator, Job Mechanic, Concrete Pump with Boom

\$56.06 \$72.36 \$88.66 X X H H D D D D Y

**Apprentice Rates:**

|                   |         |         |         |
|-------------------|---------|---------|---------|
| 0-999 hours       | \$44.78 | \$56.19 | \$67.60 |
| 1,000-1,999 hours | \$46.41 | \$58.64 | \$70.86 |
| 2,000-2,999 hours | \$48.04 | \$61.08 | \$74.12 |
| 3,000-3,999 hours | \$49.67 | \$63.53 | \$77.38 |
| 4,000-4,999 hours | \$51.31 | \$65.98 | \$80.66 |
| 5,000-5,999 hours | \$52.93 | \$68.42 | \$83.90 |

*comment make up day allowed*

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-RE

6/7/2017

Regular Engineer, Hydro Excavator & Remote Controlled Concrete

\$55.11 \$70.94 \$86.76 X X H H D D D D Y

*comment make up day allowed*

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

**Operating Engineer - Marine Construction**

GLF D

4/2/2014

Diver/Wet Tender/Tender/Rov Pilot/Rov Tender

\$52.80 \$79.20 \$105.60 H H H H H H H D N

GLF-1

1/23/2017

Diver/Wet Tender, Engineer (hydraulic dredge)

\$72.32 \$93.82 \$115.32 X X H H H H H D Y

*comment make up day allowed*

Holiday pay = 2.5 times the straight hourly rate

Subdivision of county all Great Lakes, islands therein, & connecting & tributary waters

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Statewide

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 32 of 45**

| <u>Classification</u>                |                                                                                                                                                                                                                              | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u>            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|-----------------|----------------------------|
| Name                                 | Description                                                                                                                                                                                                                  | Updated     | Hourly                   | Half            | Time Provision             |
| GLF-2                                |                                                                                                                                                                                                                              | 1/23/2017   |                          |                 |                            |
|                                      | Crane/Backhoe Operator, 70 ton or over Tug Operator, Mechanic/Welder, Assistant Engineer (hydraulic dredge), Leverman (hydraulic dredge), Diver Tender                                                                       |             | \$70.82                  | \$91.57         | \$112.32 X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                             |             |                          |                 |                            |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                            |             |                          |                 |                            |
| GLF-2B                               |                                                                                                                                                                                                                              | 1/23/2017   |                          |                 |                            |
|                                      | Friction, Lattice Boom or Crane License Certification                                                                                                                                                                        |             | \$72.32                  | \$93.82         | \$115.32 X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                             |             |                          |                 |                            |
| <u>Subdivision of county</u>         | All Great Lakes, islands, therein, & connecting & tributary waters                                                                                                                                                           |             |                          |                 |                            |
| GLF-3                                |                                                                                                                                                                                                                              | 1/23/2017   |                          |                 |                            |
|                                      | Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs or more), Tug/Launch Operator, Loader, Dozer on Barge, Deck Machinery                                             |             | \$66.27                  | \$84.75         | \$103.22 X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                             |             |                          |                 |                            |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                            |             |                          |                 |                            |
| GLF-4                                |                                                                                                                                                                                                                              | 1/23/2017   |                          |                 |                            |
|                                      | Deck Equipment Operator, (Machineryman/Fireman), (4 equipment units or more), Off Road Trucks, Deck Hand, Tug Engineer, & Crane Maintenance 50 ton capacity and under or Backhoe 115,000 lbs or less, Assistant Tug Operator |             | \$60.07                  | \$75.45         | \$90.82 X X H H H H D Y    |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                             |             |                          |                 |                            |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                            |             |                          |                 |                            |
| <b>Operating Engineer Steel Work</b> |                                                                                                                                                                                                                              |             |                          |                 |                            |
| EN-324-EF                            |                                                                                                                                                                                                                              | 6/8/2017    |                          |                 |                            |
|                                      | Forklift, 1 Drum Hoist                                                                                                                                                                                                       |             | \$60.41                  | \$79.00         | \$97.58 H H D H H H D D Y  |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | 4 10s allowed M-Th with Friday makeup day because of bad weather                                                                                                                                                             |             |                          |                 |                            |
| EN-324-SW120                         |                                                                                                                                                                                                                              | 6/7/2017    |                          |                 |                            |
|                                      | Crane w/ 120' boom or longer                                                                                                                                                                                                 |             | \$63.11                  | \$83.05         | \$102.98 H H D H H H D D Y |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                   |             |                          |                 |                            |
|                                      | 4 10s allowed M-Th with Friday makeup day because of bad weather                                                                                                                                                             |             |                          |                 |                            |
| EN-324-SW120-O                       |                                                                                                                                                                                                                              | 6/7/2017    |                          |                 |                            |
|                                      | Crane w/ 120' boom or longer w/ Oiler                                                                                                                                                                                        |             | \$64.11                  | \$84.55         | \$104.98 H H D H H H D D Y |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 33 of 45**

| <u>Classification</u>                 |                                                                  | <u>Last</u> | <u>Straight</u> | <u>Time and</u> | <u>a Double</u> | <u>Overtime</u>   |
|---------------------------------------|------------------------------------------------------------------|-------------|-----------------|-----------------|-----------------|-------------------|
| Name                                  | Description                                                      | Updated     | Hourly          | Half            | Time            | Provision         |
| =====                                 |                                                                  |             |                 |                 |                 |                   |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW140                          |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Crane w/ 140' boom or longer          |                                                                  |             | \$64.29         | \$84.82         | \$105.34        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW140-O                        |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Crane w/ 140' boom or longer W/ Oiler |                                                                  |             | \$65.29         | \$86.32         | \$107.34        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW220                          |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Boom & Jib 220' or longer             |                                                                  |             | \$64.56         | \$85.22         | \$105.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW220-O                        |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Crane w/ 220' boom or longer w/ Oiler |                                                                  |             | \$65.56         | \$86.72         | \$107.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW300                          |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Boom & Jib 300' or longer             |                                                                  |             | \$66.06         | \$87.47         | \$108.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW300-O                        |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Crane w/ 300' boom or longer w/ Oiler |                                                                  |             | \$67.06         | \$88.97         | \$110.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW400                          |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Boom & Jib 400' or longer             |                                                                  |             | \$67.56         | \$89.72         | \$111.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| -----                                 |                                                                  |             |                 |                 |                 |                   |
| EN-324-SW400-O                        |                                                                  | 6/7/2017    |                 |                 |                 |                   |
| Crane w/ 400' boom or longer w/ Oiler |                                                                  |             | \$68.56         | \$91.22         | \$113.88        | H H D H H H D D Y |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |             |                 |                 |                 |                   |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |             |                 |                 |                 |                   |
| =====                                 |                                                                  |             |                 |                 |                 |                   |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 34 of 45**

| Classification  |                                                                  | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision         |
|-----------------|------------------------------------------------------------------|--------------|--------------------------|---------------|----------------------------|
| Name            | Description                                                      |              |                          |               |                            |
| EN-324-SWCO     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Crane Operator, Job Mechanic, 3 Drum Hoist & Excavator           |              | \$62.75                  | \$82.51       | \$102.26 H H D H H H D D Y |
|                 | Apprentice Rates:                                                |              |                          |               |                            |
|                 | 0-999 hours                                                      |              | \$49.40                  | \$63.26       | \$77.11                    |
|                 | 1,000-1,999 hours                                                |              | \$51.38                  | \$66.23       | \$81.07                    |
|                 | 2,000-2,999 hours                                                |              | \$53.35                  | \$69.19       | \$85.01                    |
|                 | 3,000-3,999 hours                                                |              | \$55.33                  | \$72.16       | \$88.97                    |
|                 | 4,000-4,999 hours                                                |              | \$57.30                  | \$75.11       | \$92.91                    |
|                 | 5,000 hours                                                      |              | \$59.28                  | \$78.08       | \$96.87                    |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWCO-O   |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Crane Operator w/ Oiler                                          |              | \$63.75                  | \$84.01       | \$104.26 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWCW     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Compressor or Welder Operator                                    |              | \$55.30                  | \$71.33       | \$87.36 H H D H H H D D Y  |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWHO     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Hoisting Operator, 2 Drum Hoist, & Rubber Tire Backhoe           |              | \$62.11                  | \$81.55       | \$100.98 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWO      |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Oiler                                                            |              | \$53.89                  | \$69.22       | \$84.54 H H D H H H D D Y  |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWTD50   |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Tower Crane & Derrick where work is 50' or more                  |              | \$63.84                  | \$84.14       | \$104.44 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWTD50-O |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Tower Crane & Derrick 50' or more w/ Oiler                       |              | \$64.84                  | \$85.64       | \$106.44 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 35 of 45

| Classification                        | Name                | Description              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|---------------------------------------|---------------------|--------------------------|--------------|-----------------|---------------|---------------|--------------------|
| <b>Operating Engineer Underground</b> |                     |                          |              |                 |               |               |                    |
| EN-324A1-UC1                          |                     |                          | 9/7/2017     |                 |               |               |                    |
|                                       | Class I Equipment   |                          |              | \$55.54         | \$71.56       | \$87.57       | H H H H H H D Y    |
|                                       |                     | <b>Apprentice Rates:</b> |              |                 |               |               |                    |
|                                       |                     | 0-999 hours              |              | \$44.09         | \$55.30       | \$66.52       |                    |
|                                       |                     | 1,000-1,999 hours        |              | \$45.68         | \$57.70       | \$69.70       |                    |
|                                       |                     | 2,000-2,999 hours        |              | \$47.28         | \$60.09       | \$72.90       |                    |
|                                       |                     | 3,000-3,999 hours        |              | \$48.88         | \$62.49       | \$76.10       |                    |
|                                       |                     | 4,000-4,999 hours        |              | \$50.49         | \$64.91       | \$79.32       |                    |
|                                       |                     | 5,000-5,999 hours        |              | \$52.09         | \$67.30       | \$82.52       |                    |
| EN-324A1-UC2                          |                     |                          | 9/7/2017     |                 |               |               |                    |
|                                       | Class II Equipment  |                          |              | \$50.81         | \$64.46       | \$78.11       | H H H H H H D Y    |
| EN-324A1-UC3                          |                     |                          | 9/7/2017     |                 |               |               |                    |
|                                       | Class III Equipment |                          |              | \$50.08         | \$63.37       | \$76.65       | H H H H H H D Y    |
| EN-324A1-UC4                          |                     |                          | 9/7/2017     |                 |               |               |                    |
|                                       | Class IV Equipment  |                          |              | \$49.51         | \$62.52       | \$75.51       | H H H H H H D Y    |
| EN-324A1-UMM                          |                     |                          | 9/7/2017     |                 |               |               |                    |
|                                       | Master Mechanic     |                          |              | \$55.79         | \$71.93       | \$88.07       | H H H H H H D Y    |

**Painter**

|         |         |                          |           |         |         |         |                   |
|---------|---------|--------------------------|-----------|---------|---------|---------|-------------------|
| PT-22-P |         |                          | 10/3/2017 |         |         |         |                   |
|         | Painter |                          |           | \$44.32 | \$57.60 | \$70.88 | H H D H D D D D Y |
|         |         | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|         |         | Year 1                   |           | \$31.04 | \$37.68 | \$44.32 |                   |
|         |         | Year 2                   |           | \$33.70 | \$41.67 | \$49.64 |                   |
|         |         | Year 3                   |           | \$36.35 | \$45.64 | \$54.94 |                   |
|         |         | Year 4                   |           | \$40.34 | \$51.63 | \$62.92 |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.





Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 37 of 45

| Classification | Name | Description | Last Updated | Straight Time and Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|-------------|--------------|--------------------------|---------------|---------------|--------------------|
|----------------|------|-------------|--------------|--------------------------|---------------|---------------|--------------------|

|         |           |                                                                                                                                 |         |         |  |                 |
|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------|---------|---------|--|-----------------|
| TM247-3 | 4/17/2015 | CCTV Technician/Combo Unit Operator: unit driver and operator of cctv unit or combo unit in connection with normal cleaning and | \$31.45 | \$43.07 |  | H H H H H H H N |
|---------|-----------|---------------------------------------------------------------------------------------------------------------------------------|---------|---------|--|-----------------|

|         |           |                                                                                                              |         |         |  |                 |
|---------|-----------|--------------------------------------------------------------------------------------------------------------|---------|---------|--|-----------------|
| TM247-4 | 4/17/2015 | Boiler Operator: unit driver and operator of steam/water heater units and all ancillary equipment associated | \$33.20 | \$45.70 |  | H H H H H H H N |
|---------|-----------|--------------------------------------------------------------------------------------------------------------|---------|---------|--|-----------------|

|         |           |                                         |         |         |  |                 |
|---------|-----------|-----------------------------------------|---------|---------|--|-----------------|
| TM247-5 | 4/17/2015 | Combo Unit driver & Jetter-Vac Operator | \$33.20 | \$45.70 |  | H H H H H H H N |
|---------|-----------|-----------------------------------------|---------|---------|--|-----------------|

|         |           |                                                |         |         |  |                 |
|---------|-----------|------------------------------------------------|---------|---------|--|-----------------|
| TM247-6 | 4/17/2015 | Pipe Bursting & Slip-lining Equipment Operator | \$34.20 | \$47.20 |  | H H H H H H H N |
|---------|-----------|------------------------------------------------|---------|---------|--|-----------------|

**Pipefitter**

|                          |           |                                                                   |         |         |          |                 |
|--------------------------|-----------|-------------------------------------------------------------------|---------|---------|----------|-----------------|
| PF-636                   | 7/12/2016 | Pipefitter, Steamfitter, Refrigeration & Air Conditioning Service | \$69.83 | \$91.03 | \$108.23 | H H D H D D D Y |
| <b>Apprentice Rates:</b> |           |                                                                   |         |         |          |                 |
|                          |           | 1st & 2nd periods                                                 | \$29.93 | \$38.28 | \$45.28  |                 |
|                          |           | 3rd period                                                        | \$31.93 | \$41.28 | \$49.28  |                 |
|                          |           | 4th period                                                        | \$33.18 | \$43.16 | \$51.78  |                 |
|                          |           | 5th period                                                        | \$34.43 | \$45.03 | \$54.28  |                 |
|                          |           | 6th period                                                        | \$35.68 | \$46.90 | \$56.78  |                 |
|                          |           | 7th period                                                        | \$36.93 | \$48.78 | \$59.28  |                 |
|                          |           | 8th period                                                        | \$37.93 | \$50.28 | \$61.28  |                 |
|                          |           | 9th period                                                        | \$38.93 | \$51.78 | \$63.28  |                 |
|                          |           | 10th period                                                       | \$40.36 | \$53.92 | \$66.14  |                 |

*comment*

Four 10s allowed during the week preceding, following and/or the week of a holiday.

Subdivision of county the township of Brighton only

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 38 of 45

| Classification   |             | Last Updated | Straight Time and Hourly | Time and Half | a Double Time | Overtime Provision |
|------------------|-------------|--------------|--------------------------|---------------|---------------|--------------------|
| Name             | Description |              |                          |               |               |                    |
| =====            |             |              |                          |               |               |                    |
| ~~~~~            |             |              |                          |               |               |                    |
| <b>Plasterer</b> |             |              |                          |               |               |                    |
| ~~~~~            |             |              |                          |               |               |                    |
| BR9-14-PL        |             | 11/4/2016    |                          |               |               |                    |
| Plasterer        |             |              | \$48.65                  | \$62.73       | \$76.81       | H H H H H H H D Y  |

**Apprentice Rates:**

|                 |         |         |         |
|-----------------|---------|---------|---------|
| 0-749 hours     | \$37.94 | \$46.95 | \$55.97 |
| 750-1499 hours  | \$39.47 | \$49.25 | \$59.03 |
| 1500-2249 hours | \$41.00 | \$51.54 | \$62.09 |
| 2250-2999 hours | \$42.53 | \$53.83 | \$65.15 |
| 3000-3749 hours | \$44.06 | \$56.13 | \$68.21 |
| 3750-4499 hours | \$45.59 | \$58.43 | \$71.27 |

*comment*

Four 10s allowed M-F

Subdivision of county

Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, and Brighton (including City of Brighton), Howell (including City of Howell), Osceola, Hartland, Cohoctah, Deerfield, & Tyrone

|                          |         |          |         |         |         |                   |
|--------------------------|---------|----------|---------|---------|---------|-------------------|
| PL16-2                   |         | 6/1/2010 |         |         |         |                   |
| Plasterer                |         |          | \$36.92 | \$49.39 | \$61.86 | H H H H H H H D N |
|                          |         |          |         |         |         |                   |
| <b>Apprentice Rates:</b> |         |          |         |         |         |                   |
| 1st year                 | \$28.19 | \$36.30  | \$44.40 |         |         |                   |
| 2nd year                 | \$30.68 | \$40.03  | \$49.38 |         |         |                   |
| 3rd year                 | \$33.18 | \$43.78  | \$54.38 |         |         |                   |

Subdivision of county

Twps of Conway, Cohoctah, Handy, and Howell, and the City of Howell

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| PL16-3                   |         | 10/23/2012 |         |         |         |                   |
| Plasterer                |         |            | \$36.61 | \$48.48 | \$60.34 | H H H H H H H D N |
|                          |         |            |         |         |         |                   |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
| 1st year                 | \$28.30 | \$36.01    | \$43.72 |         |         |                   |
| 2nd year                 | \$30.68 | \$39.58    | \$48.48 |         |         |                   |
| 3rd year                 | \$33.05 | \$43.14    | \$53.22 |         |         |                   |

Subdivision of county

Twps of Deerfield, Tyrone, Osceola, and Hartland

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 39 of 45

| Classification |                          |              |                 |               |               |                    |  |  |  |
|----------------|--------------------------|--------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name           | Description              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |  |  |  |
| PL67           |                          | 9/8/2010     |                 |               |               |                    |  |  |  |
| Plasterer      |                          |              | \$44.72         | \$60.11       | \$75.50       | H H H X D D D D N  |  |  |  |
|                | <b>Apprentice Rates:</b> |              |                 |               |               |                    |  |  |  |
|                | 1st 6 months             |              | \$29.33         | \$37.02       | \$44.72       |                    |  |  |  |
|                | 2nd 6 months             |              | \$30.87         | \$39.34       | \$47.80       |                    |  |  |  |
|                | 3rd 6 months             |              | \$32.41         | \$41.64       | \$50.88       |                    |  |  |  |
|                | 4th 6 months             |              | \$35.49         | \$46.26       | \$57.04       |                    |  |  |  |
|                | 5th 6 months             |              | \$38.56         | \$51.16       | \$63.76       |                    |  |  |  |
|                | 6th 6 months             |              | \$41.64         | \$55.49       | \$69.34       |                    |  |  |  |

Subdivision of county Excluding Twps of Conway, Cohoctah, Deerfield, Handy, Hartland, Osceola, Tyrone, and Howell, and the City of Howell

**Plumber**

|         |                          |           |         |         |          |                   |  |  |  |
|---------|--------------------------|-----------|---------|---------|----------|-------------------|--|--|--|
| PL-98   |                          | 7/18/2013 |         |         |          |                   |  |  |  |
| Plumber |                          |           | \$64.45 | \$84.87 | \$101.29 | H H D H D D D D Y |  |  |  |
|         | <b>Apprentice Rates:</b> |           |         |         |          |                   |  |  |  |
|         | Period 1                 |           | \$19.93 | \$26.43 | \$32.93  |                   |  |  |  |
|         | Period 2                 |           | \$23.90 | \$31.40 | \$38.90  |                   |  |  |  |
|         | Period 3                 |           | \$30.60 | \$39.19 | \$47.77  |                   |  |  |  |
|         | Period 4                 |           | \$31.23 | \$40.13 | \$49.03  |                   |  |  |  |
|         | Period 5                 |           | \$32.39 | \$41.87 | \$51.35  |                   |  |  |  |
|         | Period 6                 |           | \$33.54 | \$43.59 | \$53.65  |                   |  |  |  |
|         | Period 7                 |           | \$34.69 | \$45.32 | \$55.95  |                   |  |  |  |
|         | Period 8                 |           | \$35.86 | \$47.07 | \$58.29  |                   |  |  |  |
|         | Period 9                 |           | \$37.01 | \$48.80 | \$60.59  |                   |  |  |  |
|         | Period 10                |           | \$38.16 | \$50.53 | \$62.89  |                   |  |  |  |

*comment*

4 tens allowed M-Th or T-F; OT of time and one half required on 11th & 12th hour of  
Subdivision of county any ten hour days Brighton Township only

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 40 of 45**

| <u>Classification</u> |             | Last    | Straight Time and | a Double | Overtime |           |
|-----------------------|-------------|---------|-------------------|----------|----------|-----------|
| Name                  | Description | Updated | Hourly            | Half     | Time     | Provision |

**Plumber, Pipefitter, Welder, HVAC & Refrigeration**

PL-190 7/29/2016  
Plumber, Pipefitter, Welder & HVAC \$60.50 \$84.12 \$107.74 H H H H H H H D Y

**Apprentice Rates:**

|                       |         |         |         |
|-----------------------|---------|---------|---------|
| 1st Year              | \$40.16 | \$53.61 | \$67.06 |
| 2nd Year              | \$43.68 | \$58.89 | \$74.10 |
| 3rd Year              | \$47.19 | \$64.16 | \$81.12 |
| 4th Year              | \$50.71 | \$69.44 | \$88.16 |
| 5th Year-1st 6 months | \$52.47 | \$72.08 | \$91.68 |
| 5th Year-2nd 6 months | \$54.23 | \$74.72 | \$95.20 |

*comment make up day allowed*

4 tens can be worked between Monday and Friday

Subdivision of county The Townships of Hamburg and Green Oaks ONLY.

PL-333-RI 12/1/2015  
Plumber, Pipefitter, Welder, HVAC & Refrigeration \$55.02 \$82.33 \$109.64 H H H H H H H D Y

**Apprentice Rates:**

|               |         |         |          |
|---------------|---------|---------|----------|
| 1st 6 months  | \$26.00 | \$38.81 | \$51.60  |
| 2nd 6 months  | \$38.07 | \$56.91 | \$75.74  |
| 3rd 6 months  | \$39.77 | \$59.46 | \$79.14  |
| 4th 6 months  | \$41.46 | \$62.00 | \$82.52  |
| 5th 6 months  | \$43.16 | \$64.54 | \$85.92  |
| 6th 6 months  | \$44.85 | \$67.08 | \$89.30  |
| 7th 6 months  | \$46.55 | \$69.63 | \$92.70  |
| 8th 6 months  | \$48.24 | \$72.16 | \$96.08  |
| 9th 6 months  | \$49.94 | \$74.72 | \$99.48  |
| 10th 6 months | \$51.63 | \$77.25 | \$102.86 |

*comment*

Four 10s allowed Monday thru Thursday. Friday not a makeup, considered OT, paid @

Subdivision of county time & one-half. EXCEPT the Townships of Brighton, Green Oaks, and Hamburg

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 41 of 45

| Classification | Name                                                                                                                                                                                                      | Description              | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------|--------------------------|---------|---------------|--------------------|
| <b>Roofer</b>  |                                                                                                                                                                                                           |                          |              |                          |         |               |                    |
| RO-70-Z6       |                                                                                                                                                                                                           |                          | 7/5/2017     |                          |         |               |                    |
|                | Commercial Roofer                                                                                                                                                                                         |                          |              | \$48.55                  | \$62.71 | \$76.87       | H H H X H H H D Y  |
|                |                                                                                                                                                                                                           | <b>Apprentice Rates:</b> |              |                          |         |               |                    |
|                |                                                                                                                                                                                                           | 1st Class                |              | \$30.69                  | \$38.07 | \$45.45       |                    |
|                |                                                                                                                                                                                                           | 2nd Class                |              | \$32.46                  | \$40.52 | \$48.58       |                    |
|                |                                                                                                                                                                                                           | 3rd Class                |              | \$34.20                  | \$42.93 | \$51.67       |                    |
|                |                                                                                                                                                                                                           | 4th Class                |              | \$36.51                  | \$46.20 | \$55.88       |                    |
|                |                                                                                                                                                                                                           | 5th Class                |              | \$38.53                  | \$49.03 | \$59.53       |                    |
|                |                                                                                                                                                                                                           | 6th Class                |              | \$40.02                  | \$51.06 | \$62.10       |                    |
|                |                                                                                                                                                                                                           | 7th Class                |              | \$41.50                  | \$53.09 | \$64.67       |                    |
|                | <i>comment make up day allowed</i><br>Friday or Saturday, 4 consecutive tens allowed M-TH<br>5 consecutive nine hour days M-F also allowed, time over forty hours per/week shall be at OT. Sat makeup day |                          |              |                          |         |               |                    |

**Sewer Relining**

|       |                                                                                                                                                     |  |            |         |         |         |                   |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|---------|---------|---------|-------------------|
| SR-I  |                                                                                                                                                     |  | 11/24/2015 |         |         |         |                   |
|       | Class I-Operator of audio visual CCTV system including remote in-ground cutter and other equipment used in conjunction with CCTV                    |  |            | \$43.66 | \$59.01 | \$74.36 | H H H H H H H D N |
| SR-II |                                                                                                                                                     |  | 11/24/2015 |         |         |         |                   |
|       | Class II-Operator of hot water heaters and circulation system; water jetters; and vacuum and mechanical debris removal systems and those assisting. |  |            | \$42.13 | \$56.72 | \$71.30 | H H H H H H H D N |

**Sheet Metal Worker**

|         |                    |                          |           |         |         |         |                   |
|---------|--------------------|--------------------------|-----------|---------|---------|---------|-------------------|
| SHM-7-1 |                    |                          | 12/7/2017 |         |         |         |                   |
|         | Sheet Metal Worker |                          |           | \$50.97 | \$66.60 | \$82.23 | H H H H D D D D Y |
|         |                    | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|         |                    | First Year               |           | \$27.12 | \$34.93 | \$42.75 |                   |
|         |                    | Second Year              |           | \$32.89 | \$42.27 | \$51.65 |                   |
|         |                    | Third Year               |           | \$41.59 | \$52.53 | \$63.47 |                   |
|         |                    | Fourth Year              |           | \$44.72 | \$57.23 | \$69.73 |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 43 of 45

| Classification           |             | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|--------------------------|-------------|--------------|--------------------------|---------|---------------|--------------------|
| Name                     | Description |              |                          |         |               |                    |
| BR1-TRW                  |             | 10/17/2014   |                          |         |               |                    |
| Terrazzo Worker          |             |              | \$49.73                  | \$63.67 | \$77.60       | H H D H D D D D Y  |
| <b>Apprentice Rates:</b> |             |              |                          |         |               |                    |
|                          | Level 1     |              | \$25.14                  | \$32.65 | \$40.15       |                    |
|                          | Level 2     |              | \$28.20                  | \$36.49 | \$44.78       |                    |
|                          | Level 3     |              | \$33.41                  | \$41.97 | \$50.53       |                    |
|                          | Level 4     |              | \$36.15                  | \$45.66 | \$55.17       |                    |
|                          | Level 5     |              | \$38.42                  | \$48.17 | \$57.92       |                    |
|                          | Level 6     |              | \$42.07                  | \$53.56 | \$65.05       |                    |
|                          | Level 7     |              | \$42.74                  | \$54.38 | \$66.02       |                    |
|                          | Level 8     |              | \$43.67                  | \$55.78 | \$67.88       |                    |

*comment*

A 4 ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Tile**

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| BR1-TF                   |         | 10/17/2014 |         |         |         |                   |
| Tile Finisher            |         |            | \$43.50 | \$54.32 | \$65.14 | H H D H D D D D Y |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
|                          | Level 1 |            | \$19.04 | \$25.12 | \$31.20 |                   |
|                          | Level 2 |            | \$20.24 | \$26.92 | \$33.60 |                   |
|                          | Level 3 |            | \$27.01 | \$33.96 | \$40.90 |                   |
|                          | Level 4 |            | \$28.47 | \$36.14 | \$43.82 |                   |
|                          | Level 5 |            | \$29.99 | \$37.84 | \$45.70 |                   |
|                          | Level 6 |            | \$31.61 | \$39.86 | \$48.10 |                   |
|                          | Level 7 |            | \$33.30 | \$41.59 | \$49.87 |                   |
|                          | Level 8 |            | \$34.79 | \$43.48 | \$52.17 |                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 44 of 45

| Classification | Name       | Description              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------------|--------------------------|--------------|-----------------|---------------|---------------|--------------------|
| BR1-TL         |            |                          | 10/17/2014   |                 |               |               |                    |
|                | Tile Layer |                          |              | \$49.68         | \$63.59       | \$77.50       | H H D H D D D D Y  |
|                |            | <b>Apprentice Rates:</b> |              |                 |               |               |                    |
|                |            | Level 1                  |              | \$25.14         | \$32.65       | \$40.15       |                    |
|                |            | Level 2                  |              | \$28.20         | \$36.49       | \$44.78       |                    |
|                |            | Level 3                  |              | \$33.41         | \$41.97       | \$50.53       |                    |
|                |            | Level 4                  |              | \$36.15         | \$45.66       | \$55.17       |                    |
|                |            | Level 5                  |              | \$38.42         | \$48.17       | \$57.92       |                    |
|                |            | Level 6                  |              | \$42.07         | \$53.56       | \$65.05       |                    |
|                |            | Level 7                  |              | \$42.74         | \$54.38       | \$66.02       |                    |
|                |            | Level 8                  |              | \$43.67         | \$55.78       | \$67.88       |                    |

comment

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

Tile, Terrazzo and Mosiac

|           |          |                          |           |         |         |         |                   |
|-----------|----------|--------------------------|-----------|---------|---------|---------|-------------------|
| BR9-31-TF |          |                          | 11/3/2016 |         |         |         |                   |
|           | Finisher |                          |           | \$34.29 | \$43.39 | \$52.49 | H H H H H H H D Y |
|           |          | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|           |          | 0-749 hours              |           | \$27.32 | \$33.14 | \$38.96 |                   |
|           |          | 750-1,499 hours          |           | \$28.32 | \$34.64 | \$40.96 |                   |
|           |          | 1,500-2,249 hours        |           | \$29.31 | \$36.13 | \$42.94 |                   |
|           |          | 2,250-2,999 hours        |           | \$30.31 | \$37.63 | \$44.94 |                   |
|           |          | 3,000-3,749 hours        |           | \$31.30 | \$39.11 | \$46.92 |                   |
|           |          | 3,750-4,499 hours        |           | \$32.30 | \$40.61 | \$48.92 |                   |

comment

Four 10s allowed M-F

Subdivision of county Townships of Conway, Handy and Iosco

|           |        |                          |           |         |         |         |                   |
|-----------|--------|--------------------------|-----------|---------|---------|---------|-------------------|
| BR9-31-TS |        |                          | 11/3/2016 |         |         |         |                   |
|           | Setter |                          |           | \$39.66 | \$50.25 | \$60.84 | H H H H H H H D Y |
|           |        | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|           |        | 750-1499 hours           |           | \$32.71 | \$40.06 | \$47.41 |                   |
|           |        | 1500-2249 hours          |           | \$33.87 | \$41.80 | \$49.73 |                   |
|           |        | 2250-2999 hours          |           | \$35.03 | \$43.54 | \$52.05 |                   |
|           |        | 3000-3749 hours          |           | \$36.19 | \$45.28 | \$54.37 |                   |
|           |        | 3750-4499 hours          |           | \$37.34 | \$47.00 | \$56.67 |                   |

comment

Four 10s allowed M-F

Subdivision of county Townships of Conway, Handy and Iosco

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 45 of 45

| Classification      |                                                                                                                                                                                                     |              |                 |               |               |                    |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|
| Name                | Description                                                                                                                                                                                         | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
| =====               |                                                                                                                                                                                                     |              |                 |               |               |                    |
| ~~~~~               |                                                                                                                                                                                                     |              |                 |               |               |                    |
| <b>Truck Driver</b> |                                                                                                                                                                                                     |              |                 |               |               |                    |
| ~~~~~               |                                                                                                                                                                                                     |              |                 |               |               |                    |
| TM-RB1              |                                                                                                                                                                                                     | 6/7/2016     |                 |               |               |                    |
|                     | on all trucks of 8 cubic yard capacity or less (except dump trucks of 8 cubic yard capacity or over, tandem axle trucks, transit mix and semis, euclid type equipment, double bottoms and low boys) |              | \$44.10         | \$48.81       |               | H H H H H H H Y    |
| -----               |                                                                                                                                                                                                     |              |                 |               |               |                    |
| TM-RB1A             |                                                                                                                                                                                                     | 6/7/2016     |                 |               |               |                    |
|                     | of all trucks of 8 cubic yard capacity or over                                                                                                                                                      |              | \$44.20         | \$48.96       |               | H H H H H H H Y    |
| -----               |                                                                                                                                                                                                     |              |                 |               |               |                    |
| TM-RB1B             |                                                                                                                                                                                                     | 6/7/2016     |                 |               |               |                    |
|                     | on euclid type equipment                                                                                                                                                                            |              | \$44.35         | \$49.19       |               | H H H H H H H Y    |
|                     | <i>make up day allowed</i>                                                                                                                                                                          |              |                 |               |               |                    |
| -----               |                                                                                                                                                                                                     |              |                 |               |               |                    |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

## **APPENDIX G – SPF ROUTE DESCRIPTIONS**

### **Bid Pricing for each project scope:**

#### **Scope #1: District Underground:**

Locate and install a tracer wire and pull string in the existing conduits.  
Supply customer with Auto Cad drawings of conduit path and entrances.  
Engineer, design and install a fiber from the JR High to 2 schools and 2 other buildings.  
Supply and install 9,000' of 12 count single mode armored fiber.  
Supply and install 9,800' of 12 count single mode plenum fiber for inside the buildings.  
Jr High to Smith would be a 24 count for when and if Munn is added.  
Supply and install four (4) 1RU shelves in each location.  
Supply and install one (1) 4RU shelf for MDF in the JR High.  
Estimate includes 2 transition splices.  
Supply and install 2 transition boxes with splice trays.  
All fibers to be fusion spliced.

#### **Scope #2: Smith to Munn and Munn Internal**

Engineer, design and install a 12-count single mode fiber from Smith to Munn.  
Supply and install 1,500' of 12 count single mode armored fiber.  
Supply and install 900' of 12 count single mode plenum fiber for inside the buildings.  
Supply and install one (1) 1RU shelf.

#### **Scope #3: Football concessions**

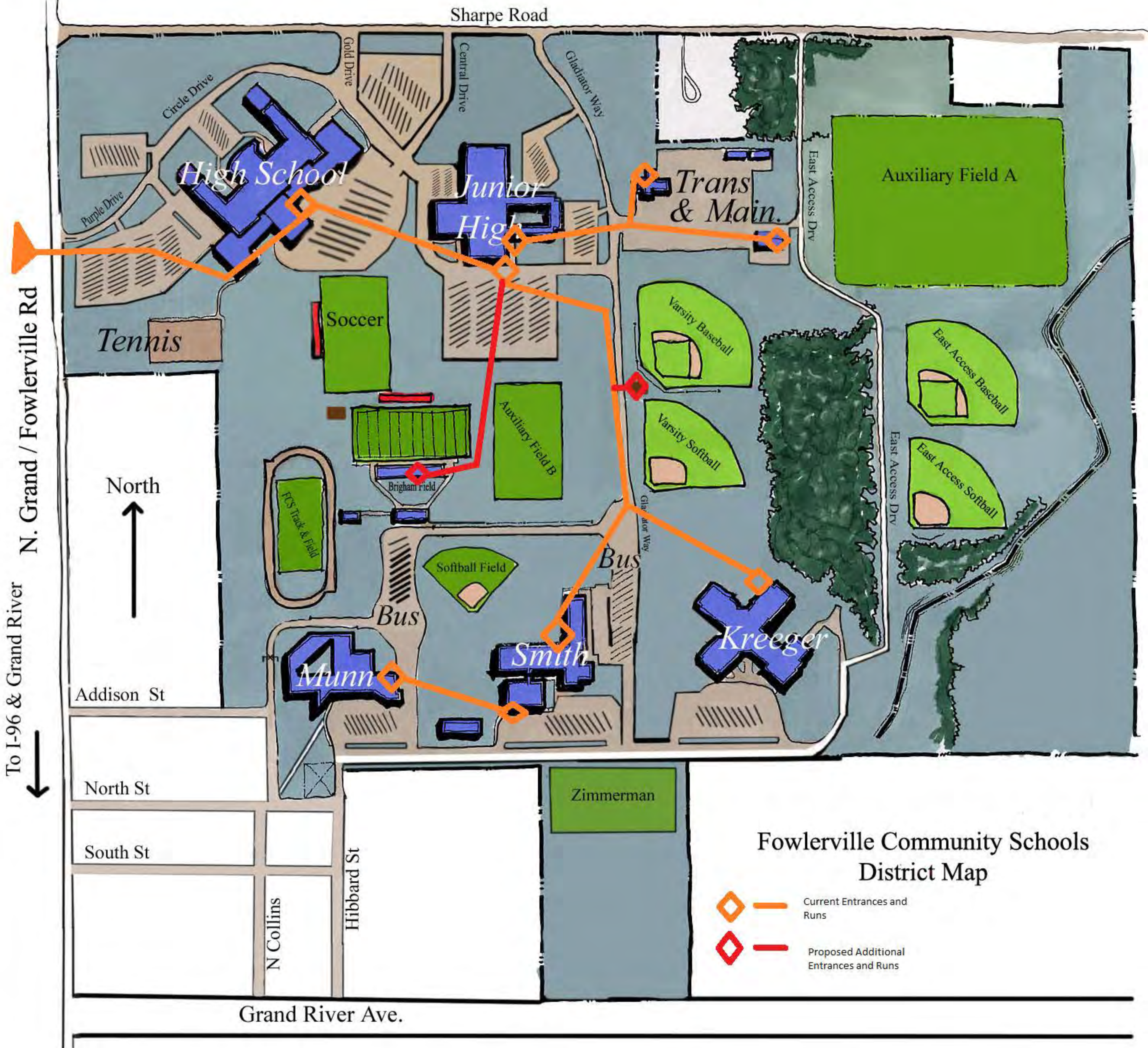
Engineer, design and install a 12-count single mode fiber from Junior High School to Football Concessions.

Estimated Distances from Building MDF to SPF Building Entrance:

- 1) High School – 210 Feet
- 2) Junior High School – 300 Feet
- 3) Kreeger – 160 Feet
- 4) Smith – 30 Feet
- 5) Munn – 300 Feet
- 6) Transportation – 30
- 7) Maintenance - 30

## **APPENDIX H – SPF ROUTE MAPS**







## **APPENDIX I – SPF BUILDING MAPS**

Junior High

Area  
S1  
Technology  
IDF

C20  
IDF

C25  
IDF

MDF

Bus Garage  
+  
Maintenance  
Building

Boys Locker Room

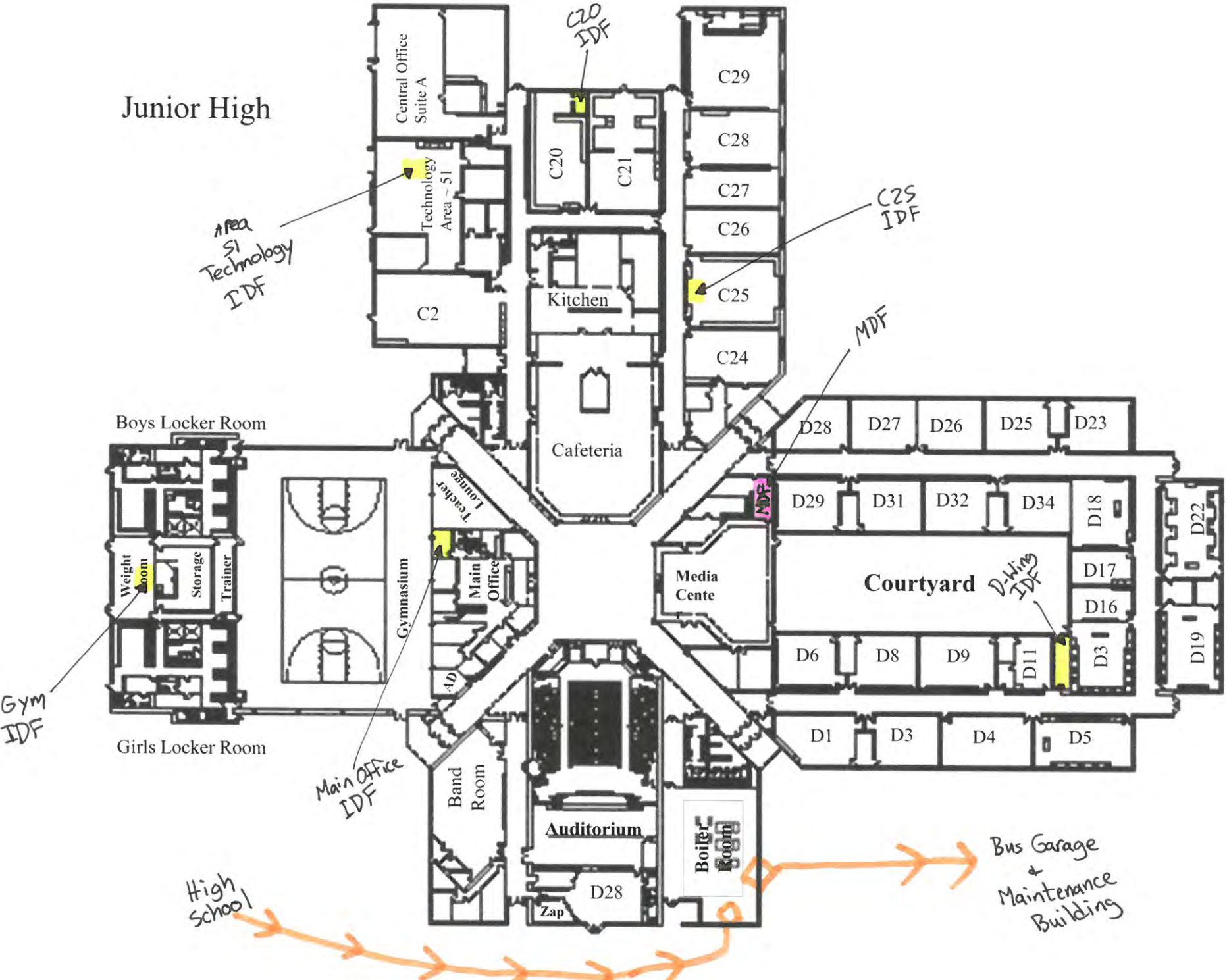
Girls Locker Room

Gym  
IDF

Gymnasium

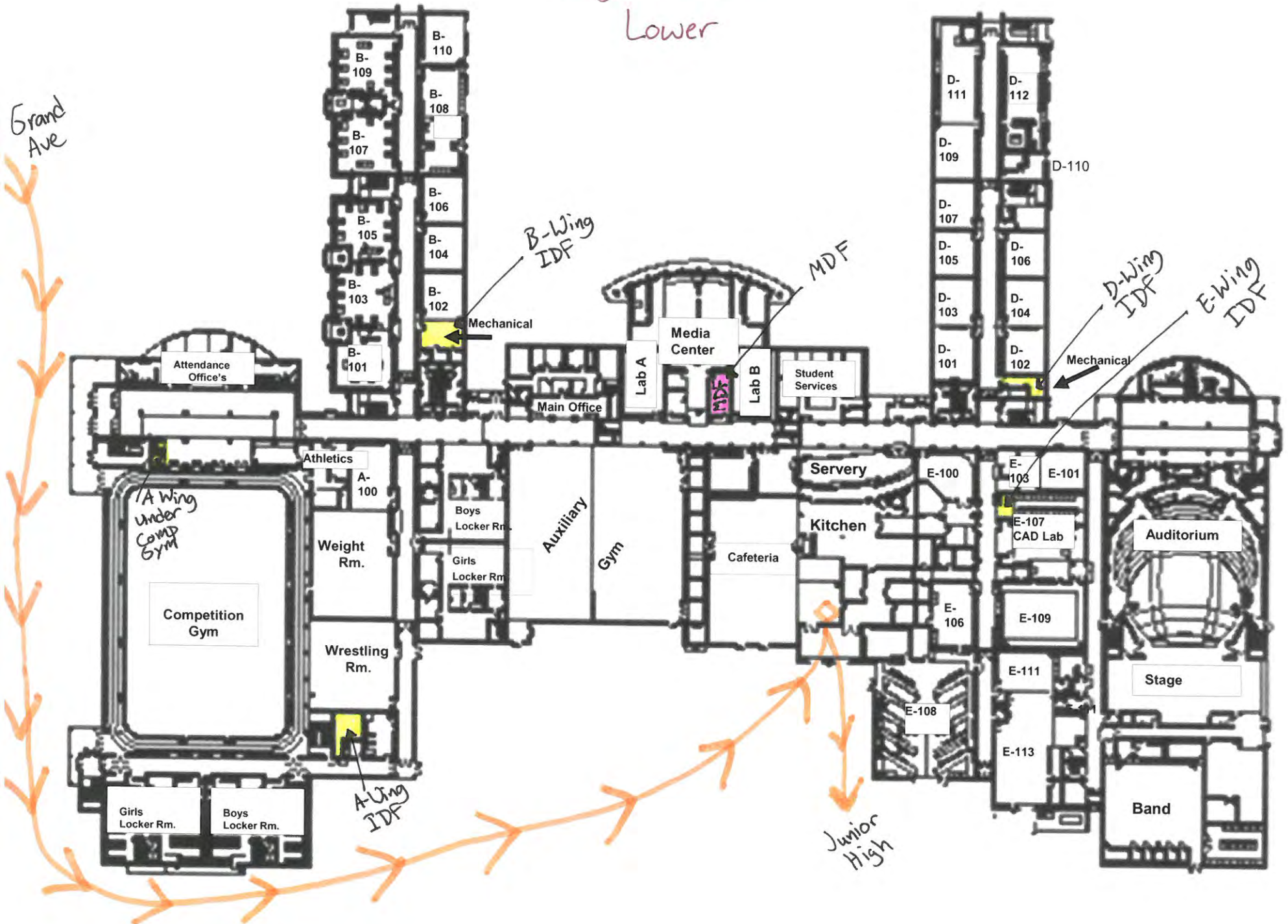
Main Office  
IDF

High  
School



# High School Lower

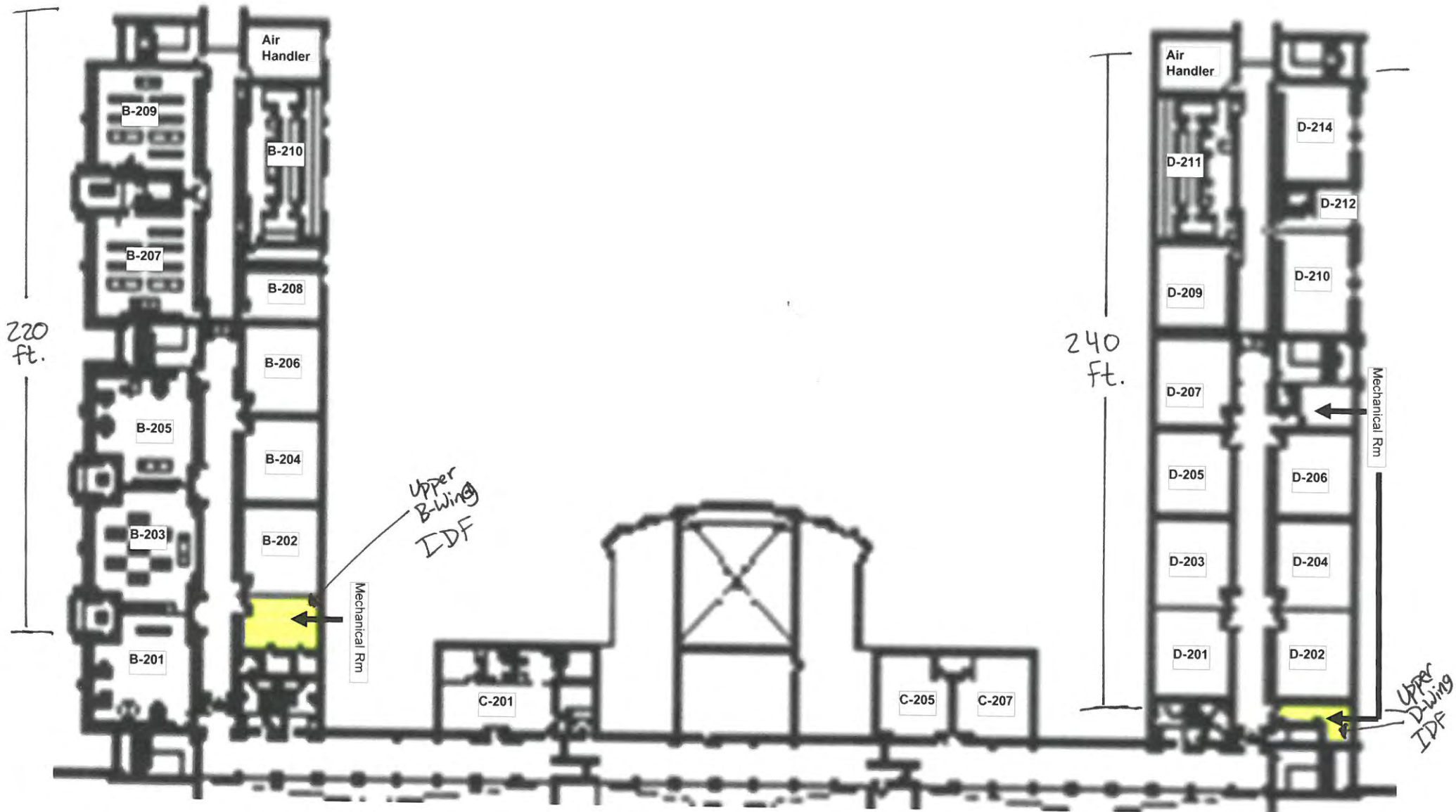
Grand Ave





# High School

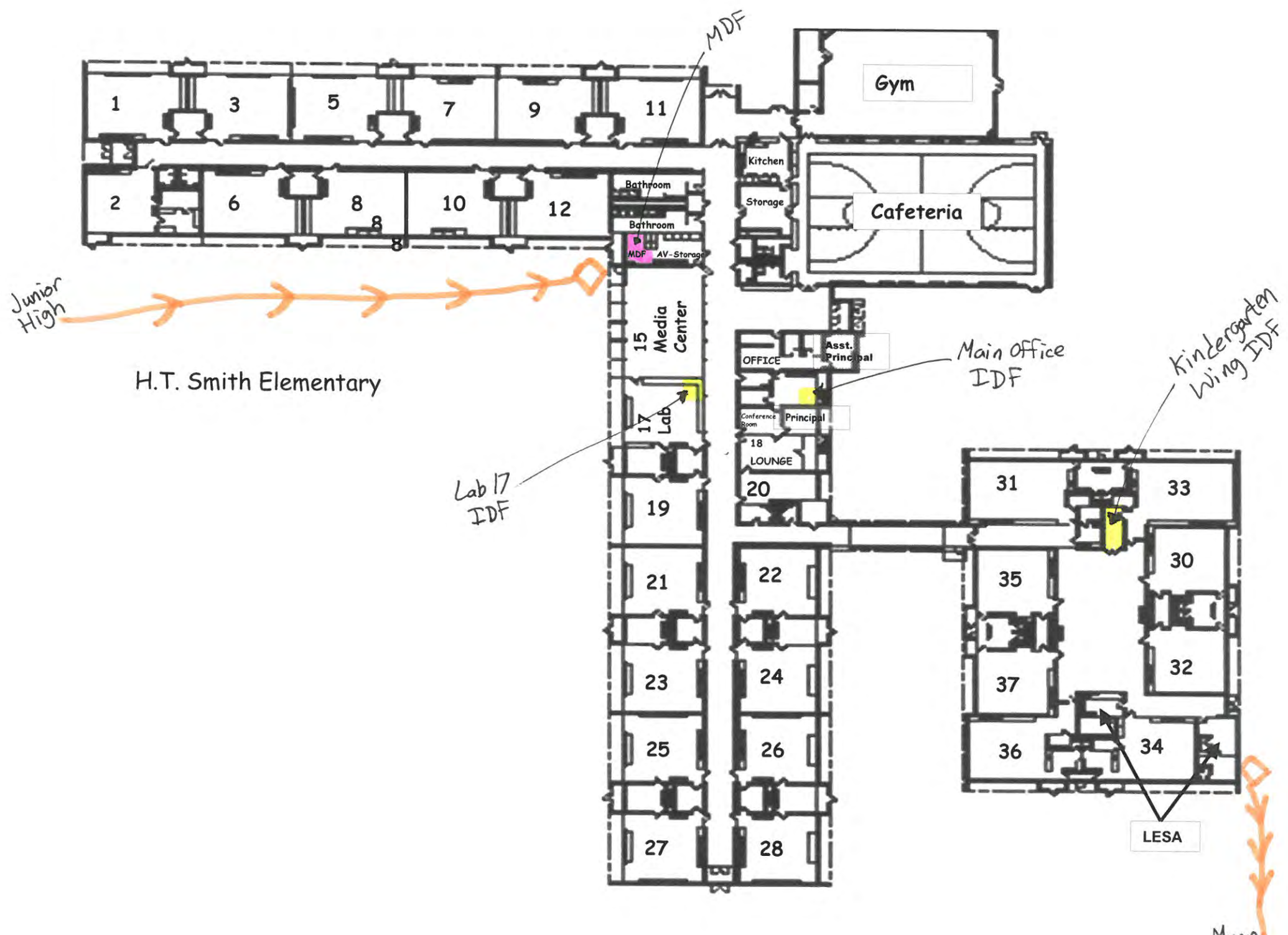
## Upper





Hand-drawn floor plan of a school building. The plan is divided into several wings and central areas. Key features include:

- Top Left Wing:** Labeled "Lab 219 IDF". Contains classrooms 217, 215, 214, 212, 220, 222, 224, 226, and a "COURT GRADE 4".
- Top Right Wing:** Contains classrooms 317, 315, 314, 312, 326, 324, 322, 320, and a "COURT GRADE 5".
- Center:** Features a "MEDIA CENTER 444", "COMPUTERS 447", and a "RESOURCE RT 436".
- Bottom Left Wing:** Labeled "Blue Rd IDF". Contains classrooms 119, 117, 115, 114, 112, 120, 122, 124, 126, and a "COURT GRADE 3".
- Bottom Right Wing:** Includes a "PLANT 428", "RISC 427", "CATERA 513", "PLANT", "REC STOR", "STOR", "PLANT", and "COURT".
- Central Area:** Includes a "MAIN ENTRANCE", "LOBBY", "OFFICE", "CORR", "STOR", "COURT", and "COURT".
- Handwritten Annotations:**
  - "Junior High" with an orange arrow pointing to the top right wing.
  - "MDF" pointing to the central area.
  - "Lab 219 IDF" pointing to the top left wing.
  - "Blue Rd IDF" pointing to the bottom left wing.



Junior High

H.T. Smith Elementary

Lab 17  
IDF

MDF

Main Office  
IDF

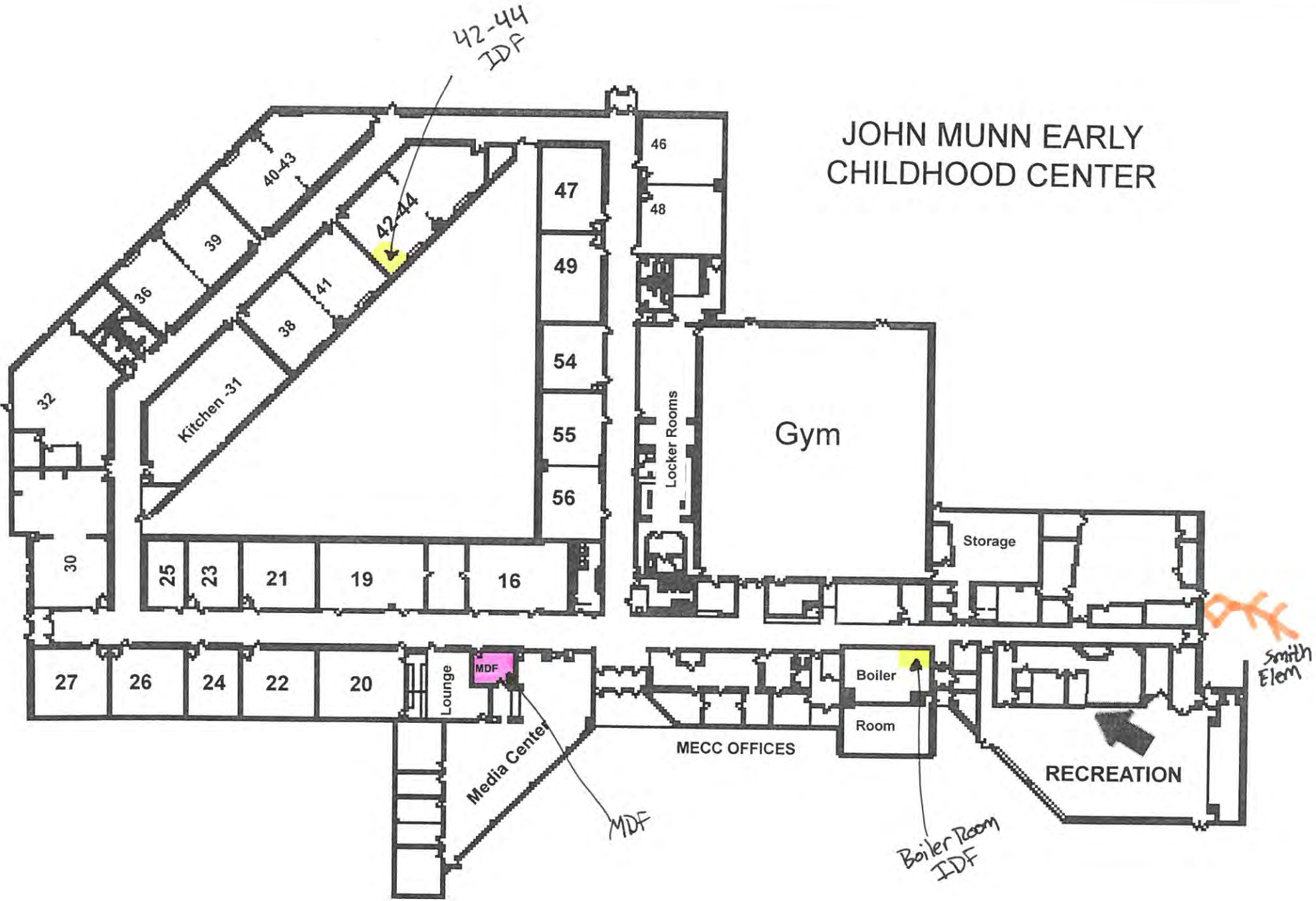
Kindergarten  
Wing IDF

LESA

Munn



JOHN MUNN EARLY  
CHILDHOOD CENTER



# **Fowlerville Community Schools**

7677 Sharpe Rd  
Fowlerville, MI 48836

## **Request for Proposals**

# **C1 SPF Network Electronics**

**Request For Proposal Year: 2018/19**

**FY2018 E-Rate FORM 470 – 180017346**

---

**School District Contact:**

Grace Damerow, Director of Technology  
Technology Department  
Phone: 517.223.6021  
E-mail: [damerowg@fowlervilleschools.org](mailto:damerowg@fowlervilleschools.org)

---

**Prepared by:**

Triple R Consultants  
P.O. Box 302  
South Lyon, MI 48178  
Phone: 810.923.9290  
E-mail: [bob@triple-r.us](mailto:bob@triple-r.us)

---

## **Contents**

|                                                     |    |
|-----------------------------------------------------|----|
| REQUEST FOR PROPOSALS – NETWORK ELECTRONICS .....   | 1  |
| 1.0.0 INVITATION TO BID .....                       | 1  |
| 2.0.0 BIDDER INSTRUCTIONS.....                      | 1  |
| 3.0.0 GENERAL CONDITIONS .....                      | 3  |
| 4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS ..... | 6  |
| 5.0.0 SCOPE OF WORK.....                            | 7  |
| 6.0.0 TIMELINE REQUIREMENTS.....                    | 8  |
| 7.0.0 AWARDED CONTRACT REQUIREMENTS.....            | 9  |
| PRODUCTS AND SERVICES SPECIFICATIONS.....           | 14 |
| 8.0.0 NETWORK ELECTRONICS SPECIFICATIONS.....       | 14 |
| 9.0.0 SYSTEM DOCUMENTATION.....                     | 16 |
| APPENDIX A – INTENT TO BID FORM .....               | 17 |
| APPENDIX B – BID SIGNATURE PAGE .....               | 18 |
| APPENDIX C – BILL OF MATERIALS .....                | 19 |
| APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT .....    | 20 |
| APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT.....    | 21 |
| APPENDIX F – BUILDING MAPS .....                    | 22 |

## REQUEST FOR PROPOSALS – NETWORK ELECTRONICS

### 1.0.0 **INVITATION TO BID**

#### 1.1.0 **BID ACCEPTANCE**

**Fowlerville Community Schools**, hereby known as “District”, will accept sealed responses (“Bids”) to this Request for Proposals (RFP) for Network Electronics projects which comply with the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications set forth below and submitted to the District at the following address:

**Fowlerville Community Schools  
C1-SPF Network Electronics - FY2018 USF Bid  
Technology Department – Attention: Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

#### 1.2.0 **INTENT TO BID FORM**

All Bidders must complete and submit the Intent to Bid Form, Appendix A, no later than February 21, 2018. The Bidder shall be responsible for the timely delivery of the Intent to Bid Form. The Bidder shall make no additional stipulations on the Intent to Bid Form or qualify their Bid in any other manner.

#### 1.3.0 **FACILITIES/BUILDING WALKTHROUGH**

All Bidders are encouraged to attend a walkthrough meeting at the facilities and buildings where the Network Electronics will be installed. The walkthrough meeting will begin promptly at the time specified whereby any/or all questions regarding the Network Electronics project will be answered by the District. The walkthrough meeting is scheduled for **2:00P.M. on February 21, 2018 at Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville, MI 48836**.

### 2.0.0 **BIDDER INSTRUCTIONS**

#### 2.1.0 **BID OPENING**

All Bid responses to this RFP must be in triplicate in a sealed opaque envelope labeled as follows: ***Network Electronics - FY2018 USF Bid and 1:20 P.M., March 6, 2018. The bidder must also include an electronic copy of all bid materials on a flash drive as well as the paper copies.***

**2.1.1** No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.

**2.1.2** **No Bids will be considered after 1:00 P.M., March 6, 2018.**

**2.1.3** The Bidder shall be responsible for the timely delivery of the Bid; the District shall not be liable to any Bidder for any delivery or postal delays and postmarking to the bid opening date will not substitute for receipt of the Bid.

**2.1.4** All timely submitted Bids received by the District will be publicly opened at the **Central Office, 7677 Sharpe Rd., Fowlerville, Michigan 48836**, at **1:20 P.M., March 6, 2018** for recommendation to the Board of Education at a future regularly scheduled meeting.

**2.1.5** If the District is closed due to unforeseen circumstances on the bid opening date, Bids will be due on the next day that the District is open.

#### 2.2.0 **BID BONDS**

The Bidder shall submit a five percent (5 %) Bid Bond, of the total base Bid price, made payable to Fowlerville Community Schools, with the sealed Bid. Any Bids received without a Bid Bond will be rejected by the District.

#### 2.3.0 **CLARIFICATIONS AND CORRECTIONS**

Direct any and all questions regarding this RFP by email to: **Grace Damerow, Fowlerville Community Schools**, at: **damerowg@fowlervilleschools.org**. The resulting answers, along with the questions shall, be forwarded to all Bidders who have properly submitted the Intent to Bid Form and posted on USAC website.

## 2.4.0 GENERAL REQUIREMENTS

- 2.4.1 The District or its representatives shall not be held responsible for expenses incurred in the preparation or subsequent presentation of the Bid response.
- 2.4.2 This RFP for Network Electronics is not an offer to enter into a contract, but rather a solicitation for Bids.
- 2.4.3 The Bidder shall supply, upon request, samples and/or brochures of the proposed materials and equipment with the Bid.
- 2.4.4 The District shall provide drawings associated with this project as part of this RFP. (Appendix F)
- 2.4.5 The District reserves the right to reject Bids submitted without a five percent (5%) Bid Bond, signed Bid Signature Page, Bill of Materials, Familial Disclosure Affidavit, Iran Linked Business Affidavit, and a list of four (4) references.

## 2.5.0 BID IDENTIFICATION REQUIREMENTS

The Bid shall include the full legal name of the Bidder, its business address, telephone number, and a statement identifying the Bidder as a sole proprietorship, partnership, corporation, or other legal entity. A proprietorship shall state the full name of the proprietor, a partnership shall state the full names of the general partners, and a corporation shall identify the state in which it is incorporated. Each copy of the Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract.

- 2.5.1 The Bidder shall complete and submit, along with the Bid, a Bid Signature Page, Appendix B, in long hand, in ink, by an authorized representative.
- 2.5.2 The Bidder shall complete and submit, along with the Bid, a Bill of Materials, Appendix C, summarizing the details of the Bid.
- 2.5.3 The submitted Bid shall include a Familial Disclosure Affidavit form, Appendix D, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.4 The submitted Bid shall include an Iran Linked Business Affidavit form, Appendix E, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.5 The submitted Bid shall include a list of at least four (4) references, one (1) of which must be a school or school district, for similar work performed within the past three (3) years.

## 2.6.0 DEFINITIONS

The foregoing definitions are made available for the purpose of this Request for Proposals (RFP) only.

- 2.6.1 **District** – Fowlerville Community Schools
- 2.6.2 **Bidder(s)** – Business Entities and/or Person(s) submitting the Bid.
- 2.6.3 **Bid(s)** – A complete and properly executed proposal to perform the Scope of Work, or designated portion thereof, for the sums stated within the Bid.
- 2.6.4 **Base Bid** – The sum stated in the Bid for which the Bidder offers to perform the Scope of Work wherein work may be added or subtracted for sums stated in the Alternate Bid, if any.
- 2.6.5 **Alternate Bid** – An amount stated in the Bid to be added or subtracted from the amount of the Base Bid, if said change in the Scope of Work, method of construction and/or materials is accepted by the District.
- 2.6.6 **Selected Vendor/Contractor** – The Bidder(s) receiving formal notice of acceptance of his/her Bid(s) and has been duly served by an officer *or* agent of the District duly authorized to give such notice.

### **3.0.0 GENERAL CONDITIONS**

#### **3.1.0 RIGHTS OF ACCEPTANCE OR REJECTION**

The District's Board of Education reserves the unconditional right to reject any and all Bids in whole, or in part, and accept any Bid or portion of the Bid that, in their opinion, best serves the interests of the District.

#### **3.2.0 QUALIFICATION OF BIDDERS**

For the purpose of assuring the District of the quality of workmanship, materials, products and/or services, the Board of Education will retain the right and has complete discretion to qualify or disqualify any Bidders on the basis of available information concerning the Bidder's ability to perform as needed and the suitability of the products and/or services included in the Bid as described in sections 3.4.0 and 3.5.0. **Each Bidder, by submitting a Bid, represents that:**

**3.2.1** The Bidder has read and understands all the Bid requirements, conditions and specifications contained herein.

**3.2.2** The Bidder has the option to visit the District work site and familiarized themselves with the local conditions under which the work is to be performed.

**3.2.3** The Bid is based upon the materials, systems and equipment described, without exception, in all Bid documents supplied by the District.

#### **3.3.0 VARIANCE AND PRICE**

Any variance from the specifications in section 8.0.0 of this RFP must be fully explained in writing by the Bidder. All prices quoted in the Bid must be on a unit price basis and include the total price. The price of an item or unit of a given product as promised in a Bid cannot be changed by the service provider regardless of whether the District changes the quantity of the item or unit needed.

#### **3.4.0 MANUFACTURER(S) BRANDS/MODEL NUMBERS**

The naming of a manufacturer(s), brand or model number will not be considered as excluding other brands or model numbers for purposes of later providing the products as promised in the Bid. Specifically, similar products with comparable construction, material and workmanship will be considered as equal. Notwithstanding, the Board of Education of the District has complete discretion to evaluate the merits of all Bids submitted and can take into consideration the brand and/or model numbers set forth in the Bids.

#### **3.5.0 MANUFACTURER(S) SUBSTITUTIONS**

Any substitution from the specified products and/or services by the manufacturer(s) is acceptable if at no additional cost to the District and approved by an authorized district representative prior to placing the order for said products and/or services. The District reserves the right to refuse any and all manufacturer(s) substituted products and/or services.

#### **3.6.0 MANUFACTURER(S) DISCOUNTS**

The District reserves the right to receive any and all manufacturer(s) price reductions, discounts or rebates that are received by the selected vendor/contractor for the specified products and/or services. The selected vendor/contractor agrees to pass any and all cost savings from the manufacturer(s) for the specified products and/or services to the District by way of a setoff of monies owed or refund of monies paid by the District.

#### **3.7.0 CLEAN-UP**

The selected vendor/contractor must, at all times, keep the premises free from accumulations of waste materials, caused by the work; and upon completing the work, must remove all work related rubbish from and about the building(s) and must leave the work area broom clean, or its equivalent. In the case of a dispute, the District may remove the rubbish and charge the cost to the selected vendor/contractor.

#### **3.8.0 ROYALTIES AND PATENTS**

The selected vendor/contractor must pay for all royalties, copyright, trademark and patents and must defend all suits for claims or infringements on copyrights, trademarks and/or patent rights and shall indemnify and hold the District harmless from any and all claims and/or loss related to claims and/or infringements on copyrights, trademarks and/or patent rights, including reasonable attorney fees and costs incurred by the District.



### **3.9.0 ADDENDA**

Any clarifications or modifications to the specifications for the RFP will be issued by the District in the form of an addendum. Any addendum issued during the bidding time will become part of the specifications and a copy will be sent to all Bidders as set forth in section 2.3.0.

**3.9.1** No verbal statements by the District will be considered as binding or enforceable against the District.

**3.9.2** No requests for clarifications or modifications will be processed within four (4) days immediately prior to the Bid opening date.

### **3.10.0 FEDERAL, STATE AND LOCAL TAXES**

All products and/or services furnished by the selected vendor/contractor must comply with all applicable federal, state and local codes, and regulations. All Bids must include, and the selected vendor/contractor must pay, all taxes levied by the Federal, State, and Local Governments, on both labor and materials. The District reserves the right to require evidence of such tax payments prior to final payment of the contract. The District is exempt from Federal Excise and State Sales Taxes. To comply with these regulations, sales tax is not to be included in the Bid.

### **3.11.0 PROJECT IMPLEMENTATION**

The selected vendor/contractor shall have sufficient resources in order to complete the project within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the Timeline Requirements, section 6.0.0.

### **3.12.0 NO DISCRIMINATION**

The selected vendor/contractor and their subcontractors are required not to discriminate against any employee or applicant for employment, to be employed in the performance of the Bid, with respect to hire, tenure, terms, conditions or privileges of employment, because of race, color, religion, national origin, or ancestry or also because of age or sex, except based on a legitimate occupational qualification. Violation of this requirement may be regarded as a material breach of the Michigan Fair Employment Practices Act and may be subject to prosecution.

### **3.13.0 NO SMOKING POLICY**

The District adheres to a mandatory no smoking policy on school premises and/or at school functions. All Bidders shall comply with this no smoking policy.

### **3.14.0 PRODUCTS AND SERVICES SPECIFICATIONS**

It is the intent of the specifications in section 8.0.0 of this RFP to define the minimum acceptable quality of products and/or services. The product line must be of known quality from a nationally recognized manufacturer(s) who regularly advertises, promotes and distributes products and services to the school market.

### **3.15.0 VARIATIONS FROM SPECIFICATIONS**

All variations from the specified products and/or services, section 8.0.0, must be fully explained and included with the Bid. Manufacturer(s) Brands must be used in all cases.

**3.15.1** The District reserves the right to increase or decrease quantities, or modify the specifications.

**3.15.2** The selected vendor/contractor shall agree to a written modification of the terms of its original Bid within five (5) business days of receiving written notification of the increase or decrease in quantities, or modification of the specifications.

### **3.16.0 PARTIAL BIDS**

Partial Bids will be considered, where appropriate. Bidders may separately submit Bids for the requested network products only or labor services only or both network products and labor.

### **3.17.0 CANCELLATIONS**

The District reserves the right of cancellation for non-performance of the terms specified in the awarded contract.

### **3.18.0 WITHDRAWAL OF BIDS**

Upon presentation of proper identification, any Bidder may withdraw his/her Bid at any time prior to the scheduled Bid Opening date and time, section 2.1.0. No Bid shall be withdrawn for a period of ninety (90) days after the Bid Opening date and time.

**3.19.0 BID EVALUATIONS**

Considerations for awarding contracts will include price, product quality, service, delivery, and maintenance of products and/or services, adherence to specifications, past performance to the District, vendor/contractor reliability, warranties and familiarity with the projects and the facilities of the District.

**3.19.1** It is the intent of the District to award the contract to the Bidder submitting the “best” cost effective Bid for the project; provided the Bid has been properly submitted and delivered, including all required documentation herewith, and considered reasonable in price.

**3.19.2** Price being the primary factor, consideration, other than price alone, shall be used in determining the most successful Bid; technical experience, local service and support, and experience in educational environments are used to perform the District’s Bid evaluations.

**3.19.3** The Board of Education of the District will evaluate the merits of all Bids submitted and reserves the unconditional right to accept or reject any or all Bids in part or in full.

**3.20.0 NOTICE OF AWARD**

The Bidder will be deemed as having been awarded when the formal notice of acceptance of his/her Bid has been duly served upon the intended awardees by an officer, or agent, of the District duly authorized to give such notice.

#### **4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS**

##### **4.1.0 IDENTIFICATION NUMBER**

The service provider's USF Service Provider Identification Number (SPIN) *must* be included in the Bid. Direct all questions regarding the USF requirements in this RFP to the Universal Service Administrative Company (USAC), Schools and Library Division (SLD) at (888) 203-8100.

##### **4.2.0 FY2018 FUNDING REQUESTS**

The specified products and/or services are to be provided for FY2018 (July 1, 2018-June 30, 2019) and must qualify for universal service discounts under the FY2018 universal service support mechanism, E-Rate. The *E-rate Modernization Order* permits applicants to seek support for Category 2 eligible non-recurring services purchased on or after April 1, three months prior to the start of the funding year on July 1. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018.

##### **4.3.0 UNIVERSAL SERVICE DISCOUNTS**

The service provider contract is conditional upon the District receiving universal service discounts under the FY2018 universal service support mechanism, E-rate. The District reserves the unrestricted right to reduce the contract amount by reducing the amount of services and/or products in order to meet budget requirements in the event the level of the universal service discounts is reduced. Any such reductions to the contract amount will be taken prior to the start of the specific work being reduced or eliminated on a given building and/or project.

##### **4.4.0 UNIVERSAL SERVICE DISCOUNT IMPLEMENTATION**

The District reserves the unrestricted right to specify the filing option for the universal service discounts for each product and/or service offered within a Bid: Billed Entity Applicant Reimbursement (BEAR) *or* Service Provider Invoice (SPI).

##### **4.5.0 ELIGIBLE PRODUCTS AND SERVICES**

The USF eligible products and/or services identified on the USAC FY2018 Eligible Services List, which is incorporated herein by reference, must be identified separately from any and all "ineligible" products and/or services in the Bid.

##### **4.6.0 PROJECT FUNDING REQUIREMENTS**

This project is entirely conditional upon receiving written notification in the form of a Funding Commitment Decision Letter from the USAC/SLD that the District has been approved for E-Rate Funding. If the District receives less than the full E-Rate Funding for which it applies, the District has the unrestricted right to reduce the number of units and services in the accepted Bid. In the event that E-Rate Funding is not available for the accepted Bid, District, in its discretion, may cancel and/or modify the Scope of Work (SOW) and subsequent purchases requested in this RFP.

##### **4.7.0 LOWEST CORRESPONDING PRICE**

Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular E-rate applicant for similar services. Service Providers cannot charge E-rate applicants a price above the Lowest Corresponding Price (LCP) and must actually charge the rate that is the LCP, not just offer the LCP in the Bid. In addition, promotional rates offered by a Service Provider for a period of more than 90 days must be included among the comparable rates upon which the LCP is determined.

## 5.0.0 **SCOPE OF WORK**

### 5.1.0 **GENERAL DESCRIPTION**

The general description of the Scope of Work (SOW) for this project is to provide the District with Network Electronics at seven (7) school buildings. In addition to the forgoing SOW, all Bids must comply with all sections of this RFP and the Products and Services Specifications set forth in sections 8.0.0 through 9.0.0.

### 5.2.0 **FACILITIES/LOCATIONS**

| <b>Building Name</b>               | <b>Address</b>      | <b>City</b> | <b>State</b> | <b>Zip</b> |
|------------------------------------|---------------------|-------------|--------------|------------|
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI           | 48836      |
| Fowlerville Junior High School     | 7677 Sharpe Road    | Fowlerville | MI           | 48836      |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI           | 48836      |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI           | 48836      |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI           | 48836      |

### 5.3.0 **VENDOR/CONTRACTOR RESPONSIBILITY**

It shall be the responsibility of the selected vendor/contractor to provide the configuration and system quantities to all locations stated herein. The intentional or accidental omission of necessary component(s) or system(s) shall require the selected vendor/contractor to supply said missing component(s) or system(s) at no cost to the District. The District and any Consultants associated with this RFP are not responsible for any omission, failure to detect any requirement, or any other condition required to complete the Scope of Work. **The awarded Bidder shall:**

- 5.3.1.** Meet jointly with representatives of the District to exchange information and agree on details of equipment arrangements and installation interfaces for a Network Electronics project.
- 5.3.2** Have sufficient resources in order to complete the SOW within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to complete the SOW within the specified timeframe.
- 5.3.3** Furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the Network Electronics system installed at the District.
- 5.3.4** Test (100%) all hardware for defects in installation and to verify performance under installed conditions.
- 5.3.5** Provide installation, administration, testing, and “As-Built” documentation required from and/or maintained by the selected vendor/contractor during the course of the entire network electronic installation project.
- 5.3.6** Provide a written guarantee/warranty covering the installed network electronics against defects in workmanship, components, and performance, and follow-on support after project completion for a period of three (3) years.

## **6.0.0 TIMELINE REQUIREMENTS**

### **6.1.0 PROJECT TIMELINE**

The selected vendor/contractor shall have sufficient resources in order to complete the SOW, section 5.0.0, within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the timeline requirements for completing the entire project. The District is expecting the project to be completed in accordance with the following Project Timeline:

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| <b>RFP available on-line <i>or</i> for pickup .....</b>     | <b>February 6, 2018</b>  |
| <b>Walk Thru..... [2:00 p.m.] .....</b>                     | <b>February 21, 2018</b> |
| <b>Sealed Bids Due .....</b>                                | <b>March 6, 2018</b>     |
| <b>Sealed Bids Opened .....</b>                             | <b>March 6, 2018</b>     |
| <b>Board Approval .....</b>                                 | <b>March 13, 2018</b>    |
| <b>Sign Contracts/approve Implementation Schedule .....</b> | <b>March 16, 2018</b>    |
| <b>Installation Begins .....</b>                            | <b>July 1, 2018</b>      |
| <b>Installation Complete .....</b>                          | <b>August 15, 2018</b>   |

### **6.2.0 SCOPE OF WORK SCHEDULES**

If and when the school buildings specified in the SOW are occupied with students and school is in session, the selected vendor/contractor is expected to perform the project after school hours and without any additional costs to the District. Areas of the school buildings that are otherwise unoccupied with students and whereby instruction is not disturbed, the selected vendor/contractor may perform the SOW with prior written authorization from the District.

### **6.3.0 PROJECT IMPLEMENTATION SCHEDULES**

All Bidders shall provide the District with a project implementation schedule that adheres to the timeline requirements stated above, section 6.1.0. Further, the project implementation schedule must demonstrate that the selected vendor/contractor has the means and capability to complete the SOW without disruption to school building instruction, activities and meetings. This said project implementation schedule must be agreed upon by both the vendor/contractor and the District and shall be incorporated as part of the awarded contract.

## **7.0.0 AWARDED CONTRACT REQUIREMENTS**

### **7.1.0 CONTRACT EXECUTION**

The Bidder shall render, deliver and execute the awarded contract within ten (10) days of being notified that the Bid is accepted and that the selected vendor/contractor is awarded a contract to perform the SOW in accordance with all terms and conditions contained herein. The awarded contract must be SIGNED and DATED by both the District and the awarded vendor/contractor prior to start of any work and in compliance with, section 4.6.0.

### **7.2.0 SEPARATE CONTRACTS**

The District reserves the unrestricted right to award different portions of the project, as broken out in the Bill of Materials, Appendix C, to separate vendors/contractors as separate contracts. Said separate contracts shall be based on the District's evaluation and interpretation of the "most cost effective" means for the District to complete the SOW for this project.

### **7.3.0 CHANGES TO SCOPE OF WORK**

The District, without invalidating the Contract, may order changes within the SOW consisting of additions, deletions, and/or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All said changes in the SOW shall be authorized by written "Change Order(s)", signed by the District, and will be executed under applicable condition of contract documents.

**7.3.1** The Contract Sum and The Contract Time may be changed only in writing.

**7.3.2** The cost or credit to the District from all "Change Order(s)" shall be determined by mutual, written, agreement.

**7.3.3** The District will not pay invoices for work performed by verbal authorization.

### **7.4.0 PERFORMANCE BOND REQUIREMENTS**

The Bidder shall furnish a Performance Bond covering the faithful performance of the awarded contract and a labor and material payment Bond in the TOTAL amount of the Bid in such form and with such sureties as the District shall approve, which such approval will not be unreasonably withheld. If the selected vendor/contractor defaults, neglects or fails to perform any provisions of the awarded contract, the District may, at its discretion, and after seven (7) days written notice to the selected vendor/contractor, notify the bonding company that the selected vendor/contractor is in default.

**7.4.1** The selected vendor/contractor shall provide, and present with the sealed Bid, a bid bond or cashier's check in the amount equaling five percent (5%) of the Bid total.

**7.4.2** The selected vendor/contractor shall provide, and maintain in force, a bond with surety, and on forms approved by the District in the amount of one-hundred percent (100%) of the contract amount that the selected vendor/contractor shall promptly and faithfully perform all obligations under the awarded contract.

**7.4.3** The selected vendor/contractor shall provide and maintain, in force, a bond with Surety and on forms approved by the District that selected vendor/contractor shall make payment to all claimants for all labor and material used or reasonably required for use in the performance of the awarded contract.

**7.4.4** Final Bid price may not exclude costs to secure or hold performance or bid bonds.

### **7.5.0 TERMINATION OF AWARDED CONTRACTS**

If the selected vendor/contractor defaults or neglects to carry out the SOW and sections referenced therein, in accordance with the awarded contract and/or fails to perform any provision of the awarded contract, the District may, after seven (7) days' written notice to the selected vendor/contractor and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the selected vendor/contractor or, at its option, may terminate the awarded contract and take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the selected vendor/contractor and may finish the project by whatever method it may deem expedient. If such expense exceeds such awarded contract price, the selected vendor/contractor shall pay the difference to the District.

#### 7.6.0 EMPLOYMENT PRACTICES

The selected vendor/contractor, by signing a contract, agrees to comply with the provision of the State of Michigan policy regarding "Non-Discrimination of Employment", section 3.12.0. **The selected vendor/contractor shall also:**

- 7.6.1 Provide all selected vendor/contractor employees with picture ID.
- 7.6.2 Upon arrival and departure, have all employees sign in and out at the main office for each school building location.
- 7.6.3 Supply the District, by email, weekly work schedules no later than the Wednesday of the preceding week. Failure to do so may result in the schedule being rejected by the District.

#### 7.7.0 SELECTED VENDOR/CONTRACTOR PERFORMANCE

The selected vendor/contractor will be responsible for construction means, methods, techniques, sequences or procedures, and safety precautions and programs in connection with the SOW, section 5.0.0, and the Timeline Requirements, section 6.0.0. **The selected vendor/contractor shall also:**

- 7.7.1 Provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for proper execution and completion of the SOW.
- 7.7.2 At all times enforce strict discipline and good order among its employees and shall not employ any unfit person or anyone not skilled in the tasks assigned to them.
- 7.7.3 Give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority bearing on the performance of the work performed.
- 7.7.4 Be responsible for the acts and omissions of all his employees and all Subcontractors, if any, their agents and employees and all other persons performing any of the work under a contract with the selected vendor/contractor.

#### 7.8.0 SUBCONTRACTOR PERFORMANCE

A Subcontractor is a person, firm, company or corporation who has a contract with the Bidder to perform any work for completing the project. The awarded Bidder shall be responsible for the actions, inactions, and work performed by the subcontractor. Contracts between the Bidder and the subcontractor shall be in accordance with the terms of the awarded contract by the District to complete the SOW, section 5.0.0. The selected Bidder shall furnish to the District, in writing, a list of any/all subcontractors proposed to perform any part or portion of the SOW to complete the project. The selected Bidder shall not employ any subcontractor to whom the District objects and may withdraw their Bid or submit an acceptable substitute.

#### 7.9.0 SUPPLEMENTAL INFORMATION REQUESTS

The Bidder shall be prepared to provide the District, within ten (10) days of being notified of the awarded contract, the names of the suppliers for the equipment and materials used to complete the work. **The District may request any and all Bidders to also submit, within ten (10) days of being notified, the following:**

- 7.9.1 The Bidder's performance record(s).
- 7.9.2 An itemized list of the Bidder's equipment, plant and personnel.
- 7.9.3 The Bidder's financial statement(s).
- 7.9.4 A description of any project, which the Bidder has completed in a satisfactory manner.
- 7.9.5 Any additional information that will satisfy the District that the Bidder is adequately situated and able to fulfill the terms of the proposed contract.
- 7.9.6 A description of any other project(s) that will be performed simultaneously with the District's project(s).
- 7.9.7 A statement regarding any past, present or pending litigation for contracted products and services.

#### 7.10.0 INSPECTIONS

The District and its agents have the right to inspect the selected vendor/contractor's work periodically to determine that proper materials were used and that the progress and quality of work completed is in accordance with the contract.

- 7.10.1 Prior to the start of the projects, the selected vendor/contractor will have materials on site and available for inspection by the District's designated authorized representative.
- 7.10.2 All equipment used for the project must be in compliance with the specified part numbers contained in the successful Bid.
- 7.10.3 Asset tags provide by the district must be placed on each piece of equipment and an assets tag list must be provided the district that includes: Make, model, serial number, building name and room location.

#### 7.11.0 INVOICE/PAYMENT REQUIREMENTS

Invoicing for payment(s) will be made 100% upon completion of the SOW and acceptance by the District. All invoices must be in compliance with the USF E-Rate Conditions, section 4.6.0. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018. **Payments will be paid NET 30 days AFTER:**

- 7.11.1 Acceptance by the District of "AS-BUILT" diagram(s) in both paper and electronic copy, preferably Microsoft Visio.
- 7.11.2 The selected vendor/contractor will submit proof of performance by submitting to the District, in both paper and electronic copy, cable certification testing results.
- 7.11.3 When applying for payments, the selected vendor/contractor shall submit to the District an itemized invoice based upon the installation schedule and supporting documentation required herein.
- 7.11.4 The project shall be considered complete when the SOW has been completed, accepted by the District and the following items are furnished; a) required guarantees, b) waivers of lien submitted showing all payrolls, material bills and other indebtedness connected with the project have been paid. The selected vendor/contractor must submit both a) and b) before the final payment is requested.
- 7.11.5 Payment may be withheld by the District for; a) defective work not remedied, b) claims filed and unresolved, c) failure of the selected vendor/contractor to properly pay for labor, materials or equipment, or proper payment to Subcontractors, and/or d) damages to the District or another Contractor.

#### 7.12.0 GUARANTEES

The selected vendor(s)/contractor(s) must furnish the District a written guarantee of the services and/or products provided to the district for, at least, three (3) years after the final payment covering all workmanship and materials specified in the contract. Any defects in workmanship or materials for which a claim is submitted by the District within the three (3) year period must be corrected or replaced within thirty (30) days.

#### 7.13.0 WARRANTIES

The selected vendor/contractor(s) must furnish the District written warranty documentation. This warranty documentation shall include cable and connectivity components and have one (1) point of contact person for all cabling system issues, where applicable.

- 7.13.1 The selected vendor/contractor must warranty that all materials and supplies incorporated within the Bid, is new, unless otherwise specified, and that all work performed will be of good quality, free from faults and defects, and in adherence to the Product and Services Specifications in this RFP.
- 7.13.2 The warranty shall provide a complete system warranty to guarantee an end-to-end high performance network system that meets the system application requirements. The network electronics shall be warranted under this provision for three (3) years.
- 7.13.3 If the manufacturer repairs any product under the warranty, they may use new or reconditioned replacement parts. If the manufacturer replaces the product under the warranty, they may replace it with a new or reconditioned product of similar or same design.
- 7.13.4 Any such repairs or replacement by the manufacturer will be warranted for either a) ninety (90) days or b) the remainder of the original three (3) year warranty period, whichever is longer.



#### **7.14.0 CORRECTION OF WORK**

The selected vendor/contractor shall correct any work that fails to conform to the requirements of the awarded contract where such failures or any defects is due to faulty materials, equipment or workmanship which appear within a period of three (3) years from the date of completion of the contract *or* within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract. These provisions apply to all work performed by employees of the selected vendor/contractor and any Subcontractors.

#### **7.15.0 RIGHT TO REJECT OR STOP THE WORK**

The District may reject work which does not conform to the Bid or awarded contract specifications. If the selected vendor/contractor fails to correct any defective work or fails to supply labor, materials, or equipment in accordance with the specifications of the awarded contract, the District may order the selected vendor/contractor to stop all work, or any portion thereof, until the cause for such order has been eliminated.

#### **7.16.0 INDEMNIFICATION**

The selected vendor/contractor shall indemnify and hold harmless the District and its agents and employees from and against all claims, damages, losses and expenses including attorneys' fee arising out of or resulting from the performance of the project; provided that any such claim, damage, loss or expense is attributable to a) bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting from and b) is caused in whole or in part by any act or omission of the selected vendor/contractor, and/or Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. In any and all claims against the District or any of its agents or employees, by any employee of the selected vendor/contractor, and/or Subcontractor, anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the selected vendor/contractor and/or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

#### **7.17.0 FORCE MAJEURE**

Except for the District's obligation to pay the selected vendor/contractor, neither party shall be liable for any failure to perform its obligations under the awarded contract or any SOW if prevented from doing so by a cause or causes beyond its control, including without limitations, acts of God or public enemy, failure of suppliers to perform, fire, floods, storms, earthquakes, riots, strikes, war, and restraints of government.

#### **7.18.0 LIABILITY REQUIREMENTS**

The selected vendor/contractor shall be responsible for initiation, maintaining, and supervising all safety precautions and programs in connection with the project. The selected vendor/contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to 1) all employees on the project and other persons who may be affected thereby, 2) all the SOW and all materials and equipment to be incorporated therein, and 3) other property at the site or adjacent thereto.

**7.18.1** The selected vendor/contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss.

**7.18.2** All damage or loss to any property caused in whole or in part by the selected vendor/contractor, any Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the selected vendor/contractor, except damage or loss attributable to the fault or negligence of the District.

#### **7.19.0 INSURANCE REQUIREMENTS**

No work connected with this project may start until the selected vendor/contractor has submitted a Certificate of Insurance executed by the selected vendor/contractor's insurance carrier showing required insurance coverage **and Fowlerville Community Schools is named as additional insured on said policy**. An endorsement or statement waiving the right of cancellation or reduction in coverage, unless thirty (30) days prior written notice is given to the District by registered or certified mail, shall be included. **As a condition of performing work as a vendor/contractor, you must provide the District with satisfactory evidence of insurance coverage's as follows:**

**7.19.1** Workers Compensation and Employer's Liability Insurance covering your statutory obligations in the State of Michigan.

**7.19.2** Automobile Liability Insurance with a limit of \$1,000,000 per accident covering your owned, non-owned and hired automobiles.

**7.19.3** Commercial General Liability Insurance written on an OCCURRENCE policy form includes coverage's for your operations, personal injury, XCU (explosion, collapse and underground), independent Contractors, contractual and products-completed operations with limits of liability as follows:

**7.19.3.1** If your policy is written on the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence

\$2,000,000 General Aggregate

\$2,000,000 Product-Completed Operations Aggregate

If your policy's general aggregate is per job, then a \$1 million limit of liability is acceptable for the general aggregate and the products-completed operations aggregate.

**7.19.3.2** If your policy is written on a form other than the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence (bodily injury & property damage combined)

\$1,000,000 Aggregate (applicable to products-completed operations only)

**7.19.3.3** Products-completed operations liability must be maintained for not less than one (1) year after acceptance of completion of your work.

**7.19.4** Evidence of your insurance coverage's, required herein, is to be provided to the District on Accord Certificate form 25 or 25-S and must indicate the following:

**7.19.4.1** That your Commercial General Liability insurance policy includes coverage's for items specified in 7.19.3 above.

**7.19.4.2** A "Best" rating for each of your insurance carriers at B+ VII or better.

**7.19.4.3** That the words "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" do not apply or have been removed.

**7.19.4.4** That Fowlerville Community Schools are additional insured on the General Liability policy certificate.

**7.19.4.5** Any deviations in coverage provided by the Standard 1986 ISO Simplified General Liability policy form, and any deductible over \$1,000 applicable to any coverage.

**7.19.4.6** General Liability and Auto Liability limits may be attained by individual policies or by a combination of underlying policies with umbrella and/or excess policies.

**7.19.4.7** The District does not carry theft, glass breakage, or builders risk insurance. The selected vendor/contractor will make arrangements if these coverage's are desired. The selected vendor/contractor must provide an Installation Floater for the value of the contract to protect the District. The selected vendor/contractor must furnish to the District, a binder certifying each insurance policy required.

**7.20.0 MISCELLANEOUS CONTRACT PROVISIONS**

The awarded contract will be governed by the laws of the State of Michigan. The selected vendor/contractor shall not assign the contract or sublet it or portions thereof without the written consent of the authorized District representative.

## **PRODUCTS AND SERVICES SPECIFICATIONS**

### **8.0.0 NETWORK ELECTRONICS SPECIFICATIONS**

#### **8.1.0 INTRODUCTION**

These Products and Services Specifications provide the Bidder with the Network Electronics requirements for projects requested by the District in this RFP. The intent of the Network Electronics Specifications is to provide relevant information that allows the Bidder to bid the labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables to install a complete Network Electronics system.

**8.1.1** The selected vendor/contractor is responsible for proposing any and all items required for a complete Network Electronics system even though it may not be identified in the specifications incorporated herein, Bill of Materials attached with the Bid.

**8.1.2** The successful Bidder shall meet or exceed all requirements for the Network Electronics described in this RFP and any Bid attachment documents provided by the District.

**8.1.3** If, for any reason, any Bid attachment document is in conflict with the details in the specifications herein this RFP, the forgoing written specification shall take precedence.

#### **8.2.0 APPLICABLE DOCUMENTS**

The Network Electronics system described within the specifications is derived, in part, from the recommendations in industry standard manuals and documents. The Bidder is responsible for determining and adhering to the most recent release of applicable documents when developing their proposal for the Network Electronics installation.

**8.2.1** If a conflict exists between the applicable documents, then the aforementioned numeric list of applicable documents shall dictate the order of precedence in resolving such conflicts. This order of precedence shall be maintained unless a lesser order document has been adopted as code by a local, state, or federal entity. If a conflict further exists, documents adopted as code shall take precedence.

**8.2.2** If the specifications incorporated herein and any of the aforementioned applicable documents are in conflict with each other, then the more stringent requirement shall apply. All applicable documents listed are, to the best of the District's knowledge, considered to be the most current releases of said documents.

#### **8.3.0 PURPOSE AND BIDDER RESPONSIBILITIES**

The intent of these Network Electronics specifications is to make available to all Bidders a standard specification for Network Electronics (s) in all K-12 educational facilities identified in the SOW, section 5.0.0.

**8.3.1** The Network Electronics specifications identify the minimum performance criteria for the components and sub-systems encompassing a complete Network Electronics system that shall accommodate the District's infrastructure requirements as per section 5.3.0, vendor responsibilities.

**8.3.2** The product specifications, general design considerations, and installation guidelines are incorporated herein this RFP.

**8.3.3** The successful Bidder(s) is required to furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the Network Electronics system installed at the District.

**8.4.0 NETWORK ELECTRONICS REQUIREMENTS Add Equivalent**

The intent of the Network Electronics Requirements is to provide relevant information that allows the Bidder to bid the labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables; compatible with the District's existing network infrastructure. The Bidder may choose to Bid both materials and labor *or* equipment only, labor only, as separate Bids.

**8.4.1 Network Electronics\*** - The District is accepting Bids for network electronic equipment listed in the table below. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate "ineligible" products and/or services must be listed separately in the Bid.

| Building                           | Description                            | Qty |
|------------------------------------|----------------------------------------|-----|
| John S Munn Early Childhood Center | Managed Minimum 12 Port SFP+ Aggregate | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Fowlerville High School            | Managed 48 Port SFP+ Aggregate switch  | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Fowlerville Junior High School     | Managed 48 Port SFP+ Aggregate switch  | 2   |
|                                    | Managed 48 Port + minimum 2 SFP+       | 1   |
|                                    | SFP-10G-LR                             | 14  |
| H.T. Smith Elementary School       | Managed Minimum 12 Port SFP+ Aggregate | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Max Bessert Trans. Complex         | Managed 48 Port + minimum 2 SFP+ POE+  | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Maintenance Building               | Managed 48 Port + minimum 2 SFP+ POE+  | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Natalie Kreeger Elementary School  | Managed Minimum 12 Port SFP+ Aggregate | 1   |
|                                    | SFP-10G-LR                             | 2   |
| Football Consessions               | Managed 48 Port + minimum 2 SFP+ POE+  | 1   |
|                                    | SFP-10G-LR                             | 2   |
| District-wide                      | Managed 48 Port + minimum 2 SFP+       | 1   |

***\*All Bid prices for the eligible equipment listed in sections 8.4.1 must include the following technical services and 3 year warranty according to the USF E-rate Eligible Services List (ESL)<sup>1</sup> for Funding Year 2018 - 2019:***

- a. Basic project management
- b. Basic design and engineering
- c. Installation, activation, and initial configuration
- d. Basic training for the eligible equipment
- e. Three year replacement warranty included in the base price

<sup>1</sup> *USF E-Rate Conditions:* Clarification of the USF/E-Rate conditions is available at the following USAC/SLD website link: <http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services-list.aspx>

#### **8.4.2 BASIC MAINTENANCE OF INTERNAL CONNECTIONS**

The District is accepting Bids for Basic Maintenance of Internal Connections<sup>2</sup> (BMIC) to repair and upkeep the network electronics equipment requested in section 8.4.0 of this RFP. The Bid must specifically and separately identify the basic maintenance costs for all the USF E-rate “eligible” products and/or services<sup>3</sup> requested as well as any “ineligible” products and/or services required. The Bid must also identify the estimated number of hours and any materials necessary to repair and upkeep each piece of equipment<sup>4</sup>.

**8.4.4.1** The BMIC service shall be for the time period from July 1, 2018 through June 30, 2019.

**8.4.4.2** Any BMIC Bid that does not satisfy the requirement(s) contained herein may be disqualified and rejected for non-adherence to specifications.

#### **9.0.0 SYSTEM DOCUMENTATION**

##### **9.1.0 WARRANTY DOCUMENTATION**

The selected vendor(s)/contractor(s) must furnish the District written warranty documentation. The warranty documentation shall include cable and connectivity components and have one (1) point of contact person for any/all Network Electronics system issues, where applicable.

**9.1.1** The warranty shall cover the installed Network Electronics system against defects in workmanship, components, and performance, and follow-up support after project completion for a period of three (3) years from the date of the system installation acceptance by the District.

**9.1.2** The warranty shall cover all labor and/or materials necessary to correct any/all failed portion(s) of the Network Electronics system and to demonstrate performance within the original installation specifications after repairs are accomplished.

**9.1.3** The selected vendor/contractor shall provide said Network Electronics system warranty at no additional cost(s) to the District.

---

<sup>2</sup> Unbundled warranties and BMIC contracts that require an upfront payment and that payment is required regardless of whether any service is actually performed are **not** eligible for E-rate reimbursements.

<sup>3</sup>The “eligible” BMIC services for E-rate FY16 reimbursements shall include repair and upkeep of the eligible hardware; wire and cable maintenance; basic technical support; configuration changes; and software upgrades and patches including bug fixes and security patches. Per Diem fees and travel time charges are **eligible only** if a contract for eligible products or services specifically provides for these costs.

<sup>4</sup> E-Rate reimbursements will only be paid on the actual work performed and hours used.

## **APPENDIX A – INTENT TO BID FORM**

***If the Bidder intends to submit a Bid for the Network Electronics project at Fowlerville Community Schools, this Intent to Bid Form must be completed and returned via mail, fax or email to the District no later than February 21, 2018.***

Please complete and return to:

**Fowlerville Community Schools  
Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

**Phone: 517.223.6021  
Fax: 517.223.6121  
Email: damerowg@fowlervilleschools.org**

---

I will attend the scheduled walkthrough meeting at **2:00 P.M. on February 21, 2018.**

☐ Yes ☐ No (Check one)

Name of Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_

## **APPENDIX B – BID SIGNATURE PAGE**

*I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications of this RFP and the Bid submitted herewith. Any and all deviations from the RFP Bid specifications are in writing and attached.*

### **Submitted By:**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### ***Do not write below this line: For District Use Only***

The following items are enclosed and/or included on the Bid:

- |                                                                                               |                                                                      |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input type="checkbox"/> Proposal(s) (in triplicate)                                          | <input type="checkbox"/> Intent To Bid Form (Appendix A)             |
| <input type="checkbox"/> Bid Bond/Cashier's Check (5% of Bid)                                 | <input type="checkbox"/> Bid Signature Page (Appendix B)             |
| <input type="checkbox"/> USF E-Rate SPIN                                                      | <input type="checkbox"/> Bill of Materials (Appendix C)              |
| <input type="checkbox"/> Four (4) references, one (1) of which is a school or school district | <input type="checkbox"/> Familial Disclosure Affidavit (Appendix D)  |
|                                                                                               | <input type="checkbox"/> Iran Linked Business Affidavit (Appendix E) |

## APPENDIX C – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposals – Network Electronics. All materials and labor must be listed separately on the bidder response

**NOTE: The Bidder may attach additional pages for Bill of Materials as needed.**

### BASE BID - Network Electronics (Must include all components and installation costs)

| BUILDING NAME: |       |          |             |     |            |             |
|----------------|-------|----------|-------------|-----|------------|-------------|
| Make           | Model | Part No. | Description | Qty | Unit Price | Total Price |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |

### ALTERNATE 1 BID - Network Electronics (Must include all components and installation costs)

| BUILDING NAME: |       |          |             |     |            |             |
|----------------|-------|----------|-------------|-----|------------|-------------|
| Make           | Model | Part No. | Description | Qty | Unit Price | Total Price |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |



**APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT**

*All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the Bidder and any member of the Board of Education of the District and/or the Superintendent of the District.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the Bidder), pursuant to the familial disclosure requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the Bidder or any employee of the Bidder, and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

- ☐ **The following are the Bidders familial relationship(s) with the Fowlerville Community Schools:**

|    | <b>Bidder/Employee</b> | <b>Name Related to:</b> | <b>Relationship</b> |
|----|------------------------|-------------------------|---------------------|
| 1. | _____                  | _____                   | _____               |
| 2. | _____                  | _____                   | _____               |

(Attach additional pages if necessary to disclose all familial relationships.)

- ☐ **There is no familial relationship that exists** between the Bidder and/or any employee of the Bidder and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for \_\_\_\_\_ County,  
\_\_\_\_\_ on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Notary Public Signature) **SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

## APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT

*All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors and employees.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the “Iran Linked Business” requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

☐ **There is not an “Iran Linked Business” that exists** within the bidder and/or owner, officers, directors and employees.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for

\_\_\_\_\_ County, on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

\_\_\_\_\_  
(Notary Public Signature)

**SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

**APPENDIX F – BUILDING MAPS**

Junior High

Area  
S1  
Technology  
IDF

C20  
IDF

C25  
IDF

MDF

Bus Garage  
+  
Maintenance  
Building

Boys Locker Room

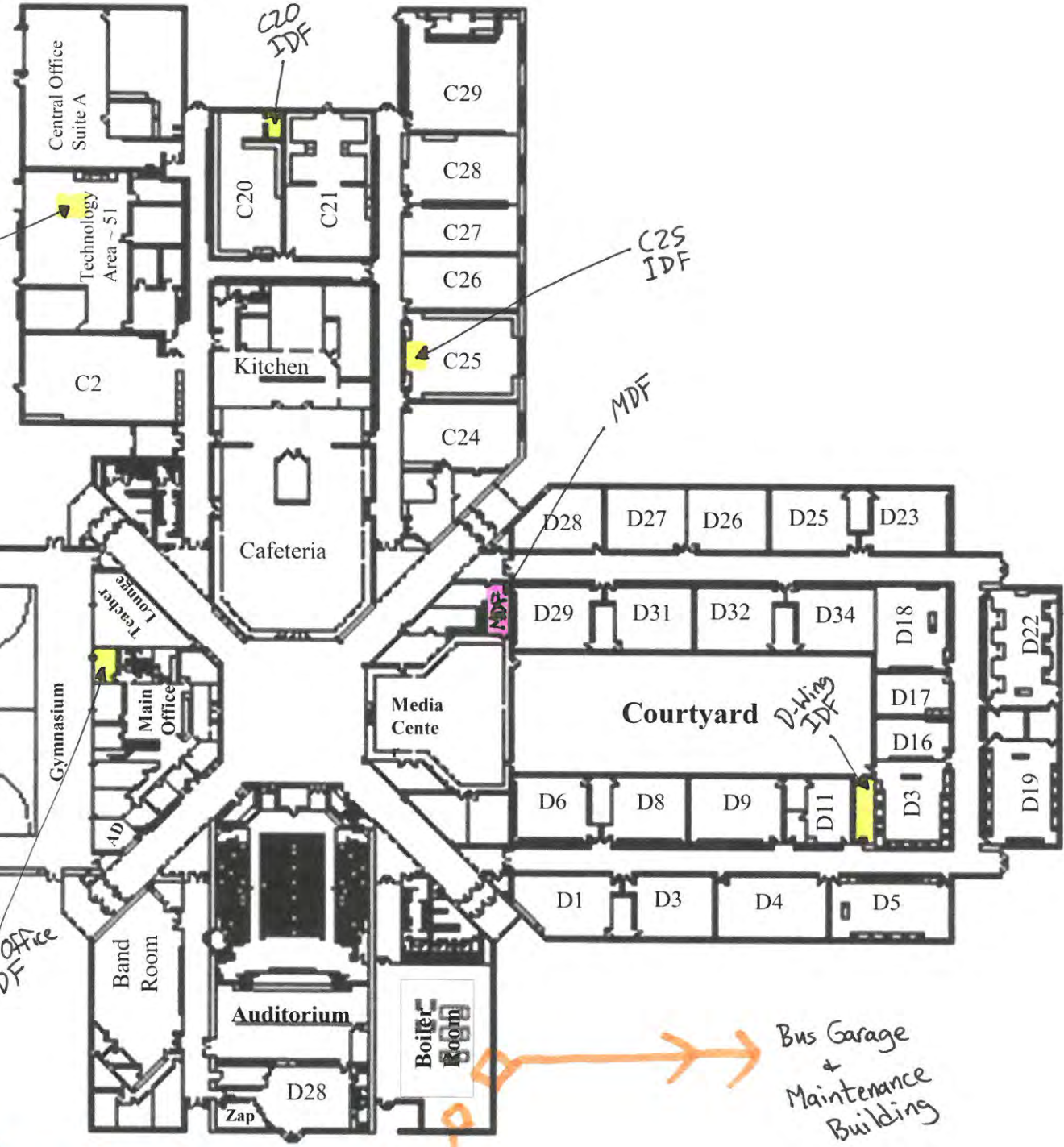
Girls Locker Room

Gym  
IDF

Gymnasium

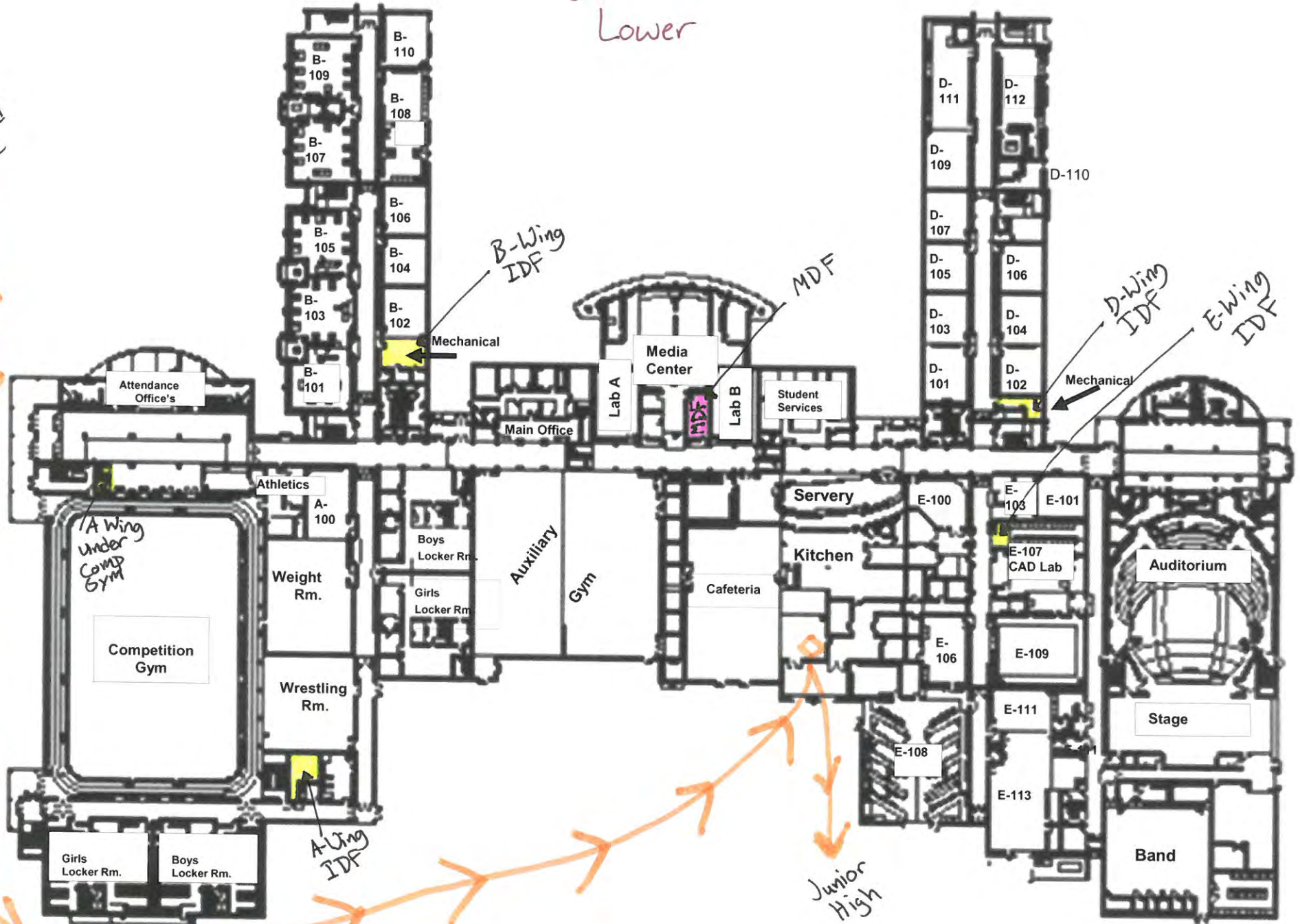
Main Office  
IDF

High  
School



# High School Lower

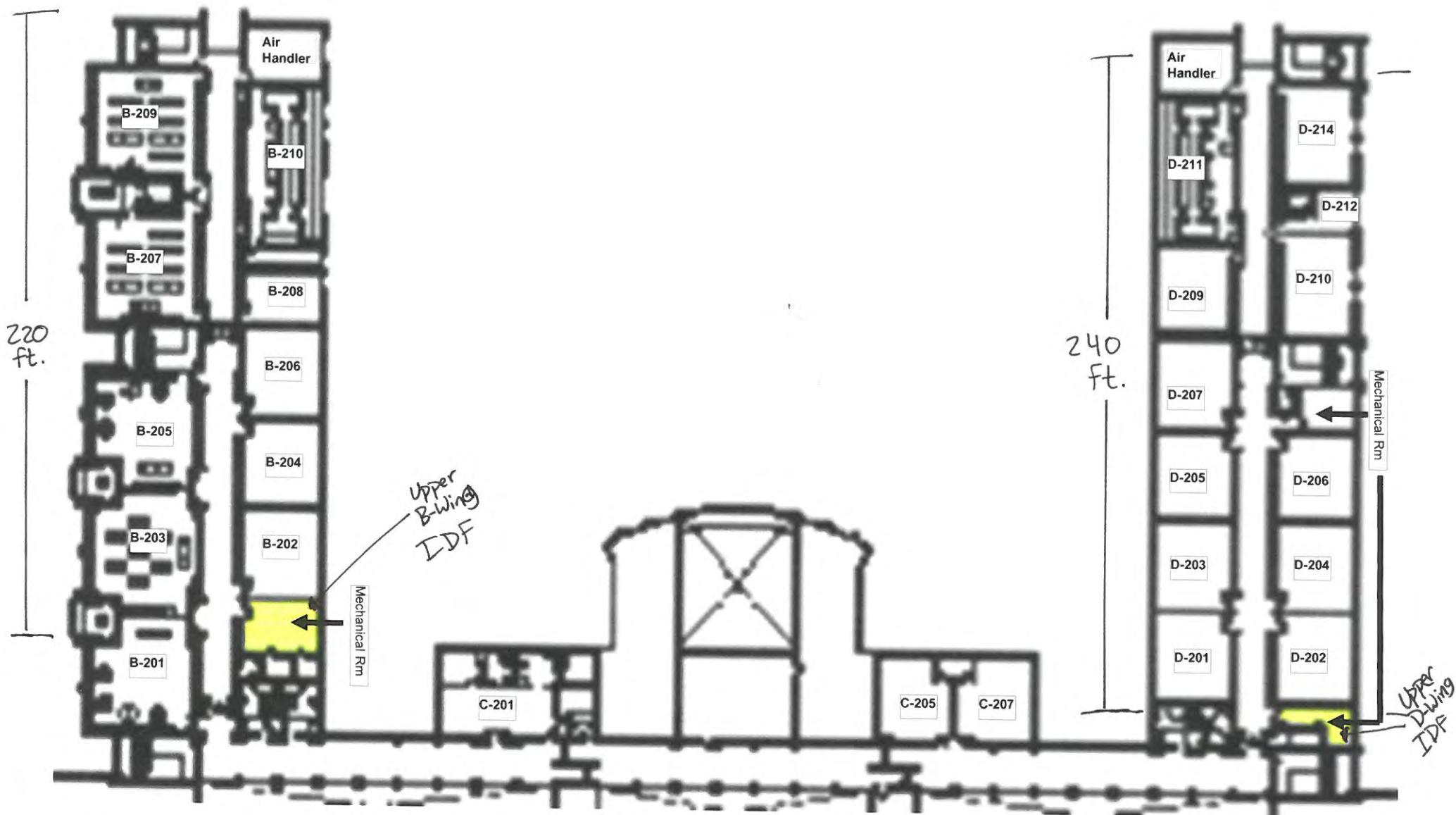
Grand Ave





# High School

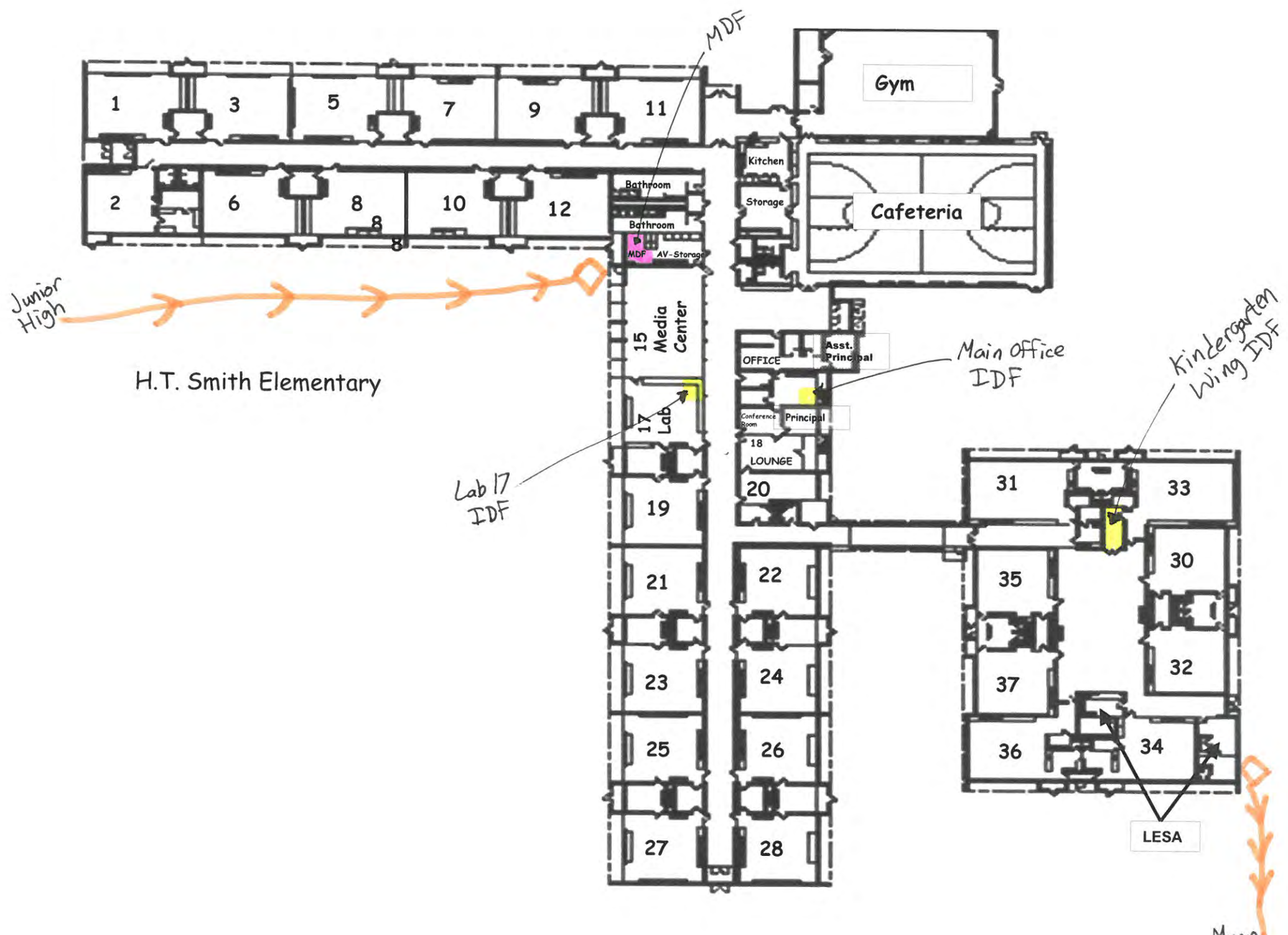
## Upper



# Kreeger Elementary

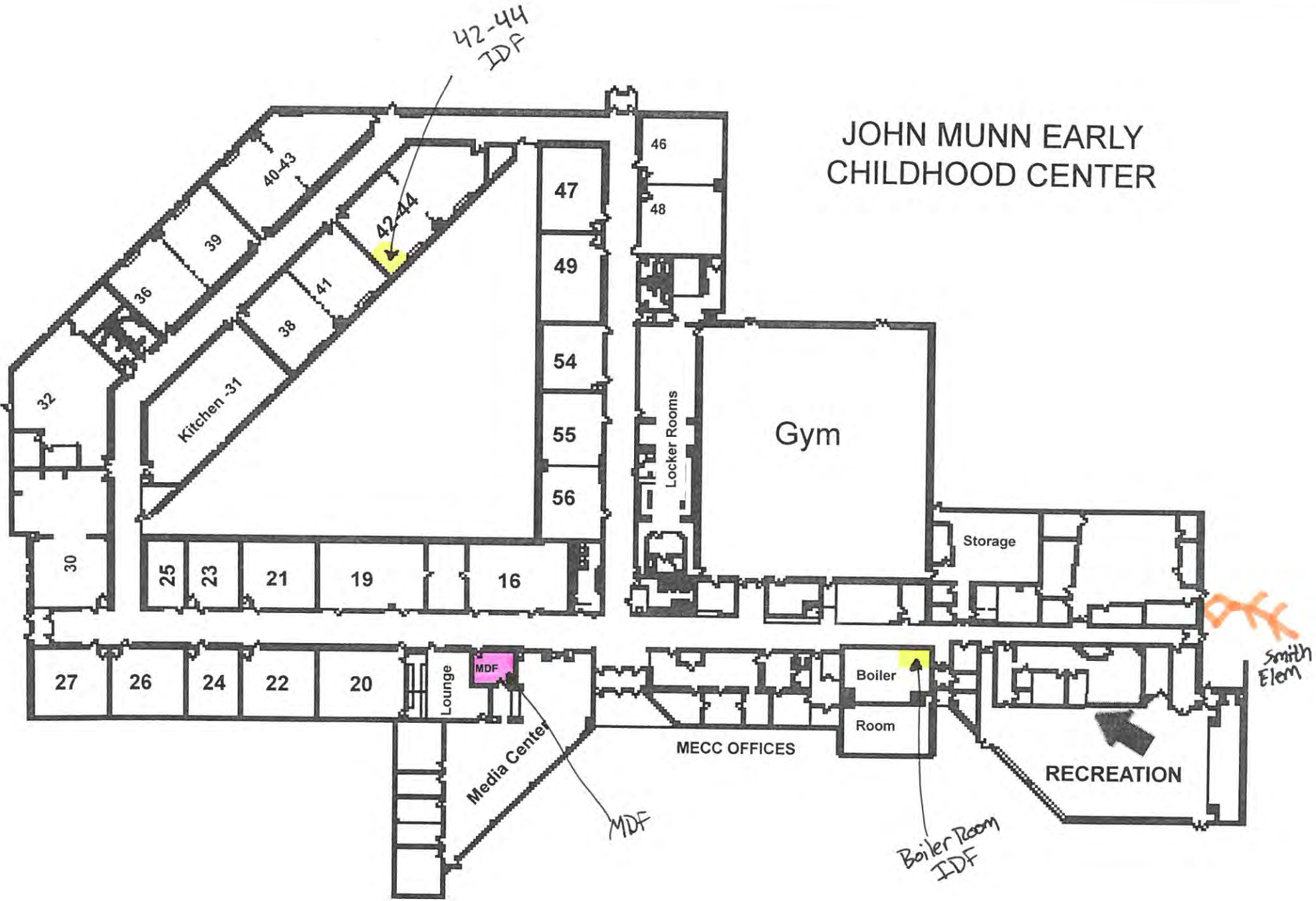








JOHN MUNN EARLY  
CHILDHOOD CENTER



**Fowlerville Community Schools**  
**UNIVERSAL SERVICE FUND REQUEST FOR PROPOSALS**  
**FY18 E-RATE (2018-2019)**

**I. INVITATION TO BID**

*Fowlerville Community Schools, hereby known as “District”, will accept sealed Bid responses (“Bids”) to this Request for Proposals (RFP) which comply with the Invitation To Bid, Universal Service Fund (USF) Conditions, General Conditions and Products and Services Specifications set forth below and submitted to the District at the following address:*

**Fowlerville Community Schools**  
**Central Office-Attn: Grace Damerow**  
**7677 Sharpe Rd.**  
**Fowlerville, Michigan 48836**

**A. BID ACCEPTANCE**

This RFP is not an offer to enter into a contract, but rather a solicitation for Bids. All Bids must be submitted in a sealed opaque envelope labeled “***FY18 USF Bid***” and “***2:20 P.M., March 6, 2018***”.

1. No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.
2. The Bidder shall be responsible for the timely delivery of the Bid; the District shall not be liable to any Bidder for any delivery or postal delays and postmarking to the bid opening date will not substitute for receipt of the Bid.
3. **No Bids will be considered after 1:00 P.M., March 6, 2018**
4. If the District is closed due to unforeseen circumstances on the bid opening date, Bids will be due on the next day that the District is open.
5. The District reserves the right to reject Bids submitted without a signed Signature Page, Familial Disclosure Affidavit, and Iran Linked Business Affidavit.

**B. BID OPENING**

All timely submitted Bids received by the District will be publicly opened at the **Central Office, 7677 Sharpe Rd., Fowlerville, Michigan 48836**, at ***2:20 P.M., March 6, 2018*** for recommendation to the Board of Education at a future regularly scheduled meeting.

**II. UNIVERSAL SERVICE FUND (USF) CONDITIONS**

**A. IDENTIFICATION NUMBER**

The service provider’s USF Service Provider Identification Number (SPIN) *must* be included in the Bid. Direct all questions regarding the USF requirements in this RFP to the Universal Service Administrative Company (USAC), Schools and Library Division (SLD) at (888) 203-8100.

**B. FUNDING REQUESTS (FY18 E-Rate)**

The specified products and/or services are to be provided for FY18 (July 1, 2018-June 30, 2019) and must qualify for universal service discounts under the FY18 universal service support mechanism, E-rate. No invoices will be DATED or PAID before July 1, 2018.

**C. UNIVERSAL SERVICE DISCOUNTS**

The service provider contract is conditional upon the District receiving universal service discounts under the FY18 universal service support mechanism, E-rate. The District reserves the unrestricted right to reduce the contract amount by reducing the amount of services and/or products in order to meet budget requirements in the event the level of the universal service discounts is reduced. Any such reductions to the contract amount will be taken prior to the start of the specific work being reduced or eliminated on a given building and/or project.

**D. UNIVERSAL SERVICE DISCOUNT IMPLEMENTATION**

The District reserves the unrestricted right to specify the filing option for the universal service discounts for each product and/or service offered within a Bid: Billed Entity Applicant Reimbursement (BEAR) *or* Service Provider Invoice (SPI).

**E. ELIGIBLE PRODUCTS AND SERVICES**

The USF eligible products and/or services identified on the USAC FY18 (2018-2019) Eligible Services List (ESL), which is incorporated herein by reference, must be identified separately from any and all “ineligible” products and/or services in the Bid.

**F. LOWEST CORRESPONDING PRICE**

Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular E-rate applicant for similar services. Service Providers cannot charge E-rate applicants a price above the Lowest Corresponding Price (LCP) and must actually charge the rate that is the LCP, not just offer the LCP in the Bid. In addition, promotional rates offered by a Service Provider for a period of more than 90 days must be included among the comparable rates upon which the LCP is determined.

**III. GENERAL CONDITIONS****A. RIGHTS OF ACCEPTANCE OR REJECTION**

The District’s Board of Education reserves the unconditional right to reject any and all Bids in whole, or in part, and accept any Bid or portion of the Bid that, in their opinion, best serves the interests of the District.

**B. VARIANCE AND PRICE**

Any variance from the specifications in section IV A, B, and C of this RFP must be fully explained in writing by the bidder. All prices quoted in the Bid must be on a unit price basis and include the total price. The price of an item or unit of a given product as promised in a Bid cannot be changed by the service provider regardless of whether the District changes the quantity of the item or unit needed.

**C. MANUFACTURER(S) BRANDS/MODEL NUMBERS**

The naming of a manufacturer(s), brand or model number will not be considered as excluding other brands or model numbers for purposes of later providing the products as promised in the Bid. Specifically, similar products with comparable construction, material and workmanship will be considered as equal. Notwithstanding, the Board of Education of the District has complete discretion to evaluate the merits of all Bids submitted and can take into consideration the brand and/or model numbers set forth in the Bids.

**D. MANUFACTURER(S) SUBSTITUTIONS**

Any substitution from the specified products and/or services by the manufacturer(s) is acceptable if at no additional cost to the District approved by an authorized district representative prior to placing the order for said products and/or services. The District reserves the right to refuse any and all manufacturer(s) substituted products and/or services for any reason.

**E. MANUFACTURER(S) DISCOUNTS**

The District reserves the right to receive any and all manufacturer(s) price reductions, discounts or rebates that are received by the selected vendor for the specified products and/or services. The selected vendor agrees to pass any and all cost savings from the manufacturer(s) for the specified products and/or services to the District by way of a setoff of monies owed or refund of monies paid by the District.

**F. CLEAN-UP**

The selected vendor must, at all times, keep the premises free from accumulations of waste materials, caused by the work; and upon completing the work, must remove all work related rubbish from and about the building(s) and must leave the work area broom clean, or its equivalent. In the case of a dispute, the District may remove the rubbish and charge the cost to the selected vendor.

**G. ROYALTIES AND PATENTS**

The selected vendor must pay for all royalties, copyright, trademark and patents and must defend all suits for claims or infringements on copyrights, trademarks and/or patent rights and shall indemnify and hold the District harmless from any and all claims and/or loss related to claims and/or infringements on copyrights, trademarks and/or patent rights, including reasonable attorney fees and costs incurred by the District.

**H. ADDENDA**

Any clarifications or modifications to the specifications for the RFP will be issued by the District in the form of an addendum to the RFP URL identified on the FCC Form 470 and posted onto the web at the USAC EPC website. All bidders shall be responsible for checking the RFP URL for any addendum issued by the District. No verbal statements by the District will be considered as binding or enforceable against the District. No requests for clarifications or modifications will be processed within four (4) days immediately prior to the Bid opening date.

**I. FEDERAL, STATE AND LOCAL TAXES**

All products and/or services furnished by the selected vendor must comply with all applicable federal, state and local codes, and regulations. All Bids must include, and the selected vendor must pay, all taxes levied by the Federal, State, and Local Governments, on both labor and materials. The District reserves the right to require evidence of such tax payments prior to final payment of the contract. The District is exempt from Federal Excise and State Sales Taxes. To comply with these regulations, sales tax is not to be included in the Bid.

**J. QUALIFICATION OF BIDDERS**

For the purpose of assuring the District of the quality of workmanship, materials, products and/or services, the Board of Education will retain the right and has complete discretion to qualify or disqualify any bidders on the basis of available information concerning the bidder's ability to perform as needed and the suitability of the products and/or services included in the Bid as described in section III.C above. The District may request any and all bidders to submit the following information before awarding the contract:

1. The bidder's performance record(s).
2. The address of the bidder's plant or permanent place of business and a description of the products and/or services requested.
3. An itemized list of the bidder's equipment, plant and personnel.
4. The bidder's financial statement(s).
5. A description of any project, which the bidder has completed in a satisfactory manner.
6. Any additional information that will satisfy the District that the bidder is adequately situated and able to fulfill the terms of the proposed contract.
7. A description of any other project(s) that will be performed simultaneously with the District's project(s).

**K. NO DISCRIMINATION**

The selected vendor and their subcontractors are required not to discriminate against any employee or applicant for employment, to be employed in the performance of the Bid, with respect to hire, tenure, terms, conditions or privileges of employment, because of race, color, religion, national origin, or ancestry or also because of age or sex, except based on a legitimate occupational qualification. Violation of this requirement may be regarded as a material breach of the Michigan Fair Employment Practices Act and may be subject to prosecution.

**L. PRODUCTS AND SERVICES SPECIFICATIONS**

It is the intent of the specifications in section IV A, B, and C of this RFP to define the minimum acceptable quality of products and/or services. The product line must be of known quality from a nationally recognized manufacturer(s) who regularly advertises, promotes and distributes products and services to the school market.

**M. VARIATIONS FROM SPECIFICATIONS**

All variations from the specified products and/or services must be fully explained and included with the Bid. Manufacturer(s) Brands must be used in all cases. The District reserves the right to increase or decrease quantities, or modify the specifications. The selected vendor shall agree to a written modification of the terms of its original Bid within five (5) business days of receiving written notification of the increase or decrease in quantities, or modification of the specifications.

**N. MAILING OF BIDS**

All Bids must be mailed in an opaque, sealed envelope and clearly marked as indicated in the Invitation to Bid section I. above.

**O. NOT ACCEPTED**

No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.

**P. WITHDRAWAL OF BIDS**

Upon presentation of proper identification, any bidder may withdraw his/her Bid at any time prior to the scheduled Bid opening date and time. After the opening of the Bids, no Bid can be withdrawn for a period of sixty (60) days.

**Q. SIGNATURE PAGE**

The signature page, section V., required in this RFP must be in longhand, in ink, by an authorized representative and submitted with the Bid. Bids in non-compliance with this request, will be subject to rejection.

**R. NOTICE OF AWARD**

The contract(s) will be deemed as having been awarded when the formal notice of acceptance of his/her Bid has been duly served upon the intended awardees by an officer, or agent, of the District duly authorized to give such notice.

**S. GUARANTEE**

The selected vendor(s) must furnish the District a written guarantee of the services and/or products provided to the district for, at least, one (1) year after the final payment covering all workmanship and materials specified in the contract. Any defects in workmanship or materials for which a claim is submitted by the District within the one (1) year period must be corrected or replaced within thirty (30) days.

**T. PARTIAL BIDS**

Partial Bids will be considered, where appropriate.

**U. FAMILIAL DISCLOSURE**

The Bid shall be accompanied by a sworn and notarized affidavit disclosing any familial relationship that exists between the bidder and/or any employee of the bidder and any member of the District's Board of Education and/or Superintendent. The Board of Education will not accept a Bid that does not include the sworn and notarized familial disclosure affidavit, section VI. Bids in non-compliance with this request are subject to rejection.

**V. CANCELLATIONS**

The District reserves the right of cancellation for non-performance of the terms specified in the awarded contract.

**W. NO SMOKING POLICY**

The District adheres to a mandatory no smoking policy on school premises and/or at school functions. All bidders shall comply with this no smoking policy.

**X. IRAN LINKED BUSINESS AFFIDAVIT**

The Bid shall be accompanied by a sworn and notarized affidavit that represents and warrants that the bidder, including its officers, directors and employees, is not an "Iran Linked Business" within the meaning of the applicable Michigan Public Act No. 517 of 2012, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an "Iran Linked Business" at any time during the course of performing under the contract. The Board of Education will not accept a Bid that does not include the sworn and notarized Iran Linked Affidavit, section VII. Bids in non-compliance with this request are subject to rejection.

#### IV. PRODUCTS AND SERVICES SPECIFICATIONS

*Considerations for awarding contracts will include price, product quality, service, delivery, and maintenance of products and/or services, adherence to specifications, past performance to the District, vendor reliability, warranties and familiarity with the scope of work and the facilities of the District. The Board of Education of the District will evaluate the merits of all Bids submitted and reserves the right to accept or reject any or all Bids.*

##### A. INTERNET ACCESS / TELECOMMUNICATIONS

###### 1. Leased Lit Fiber Service

The District is accepting Bids for 10GPS Lit fiber line service. The selected line service shall connect from Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville MI 48836 to the buildings listed in the table below. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate “ineligible” products and/or services must be listed separately in the Bid.

| Building Name                      | Address             | City        | State | Zip   |
|------------------------------------|---------------------|-------------|-------|-------|
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI    | 48836 |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI    | 48836 |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI    | 48836 |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI    | 48836 |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI    | 48836 |
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI    | 48836 |

###### 2. Leased Dark Fiber Service

The District is accepting Bids for dark fiber line service. The selected line service shall connect from Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville MI 48836 to the buildings listed in the table below. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate “ineligible” products and/or services must be listed separately in the Bid.

| Building Name                      | Address             | City        | State | Zip   |
|------------------------------------|---------------------|-------------|-------|-------|
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI    | 48836 |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI    | 48836 |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI    | 48836 |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI    | 48836 |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI    | 48836 |
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI    | 48836 |

**3. Transport Service**

The District is accepting Bids for 10GPS Lit fiber line service. The selected line service shall connect from Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville MI 48836 to the buildings listed in the table below. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate “ineligible” products and/or services must be listed separately in the Bid.

| <b>Building Name</b>               | <b>Address</b>      | <b>City</b> | <b>State</b> | <b>Zip</b> |
|------------------------------------|---------------------|-------------|--------------|------------|
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI           | 48836      |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI           | 48836      |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI           | 48836      |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI           | 48836      |
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI           | 48836      |

Direct any and all questions regarding **Section IV A** of this RFP to: **Grace Damerow, Director of Technology, Central Office, Fowlerville Community Schools**, at: [damerowg@fowlervilleschools.org](mailto:damerowg@fowlervilleschools.org)

**V. SIGNATURE PAGE**

*I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the USF conditions, general conditions and product and services specifications of this RFP and the Bid submitted herewith. Any and all deviations from the RFP Bid specifications are in writing and attached.*

**SUBMITTED BY:**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

City, State &amp; Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**VI. FAMILIAL DISCLOSURE AFFIDAVIT**

*All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the bidder and any member of the Board of Education of the District and/or the Superintendent of the District.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder), pursuant to the familial disclosure requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the bidder or any employee of the bidder, and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

☐ **The following are the bidders familial relationship(s) with the Fowlerville Community Schools:**

|    | <b>Bidder/Employee</b> | <b>Name Related to:</b> | <b>Relationship</b> |
|----|------------------------|-------------------------|---------------------|
| 1. | _____                  | _____                   | _____               |
| 2. | _____                  | _____                   | _____               |

(Attach additional pages if necessary to disclose all familial relationships.)

☐ **There is no familial relationship that exists** between the bidder and/or any employee of the bidder and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for \_\_\_\_\_ County, \_\_\_\_\_ on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Notary Public Signature)

**SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

## **VII. IRAN LINKED BUSINESS AFFIDAVIT**

*All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors and employees.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the “Iran Linked Business” requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

- ☐ **There is not an “Iran Linked Business” that exists** within the bidder and/or owner, officers, directors and employees.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for

\_\_\_\_\_ County, on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

\_\_\_\_\_  
(Notary Public Signature)

**SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

# **Fowlerville Community Schools**

7677 Sharpe Rd  
Fowlerville, MI 48836

## **Request for Proposals**

### **Network Electronics**

**Request For Proposal Year: 2018/19**

**FY2018 E-Rate FORM 470 – 180017346**

---

**School District Contact:**

Grace Damerow, Director of Technology

Technology Department

Phone: 517.223.6021

E-mail: [damerowg@fowlervilleschools.org](mailto:damerowg@fowlervilleschools.org)

---

**Prepared by:**

Triple R Consultants

P.O. Box 302

South Lyon, MI 48178

Phone: 810.923.9290

E-mail: [bob@triple-r.us](mailto:bob@triple-r.us)

---

## **Contents**

|                                                     |    |
|-----------------------------------------------------|----|
| REQUEST FOR PROPOSALS – NETWORK ELECTRONICS .....   | 1  |
| 1.0.0 INVITATION TO BID .....                       | 1  |
| 2.0.0 BIDDER INSTRUCTIONS.....                      | 1  |
| 3.0.0 GENERAL CONDITIONS .....                      | 3  |
| 4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS ..... | 6  |
| 5.0.0 SCOPE OF WORK.....                            | 7  |
| 6.0.0 TIMELINE REQUIREMENTS.....                    | 8  |
| 7.0.0 AWARDED CONTRACT REQUIREMENTS.....            | 9  |
| PRODUCTS AND SERVICES SPECIFICATIONS.....           | 14 |
| 8.0.0 NETWORK ELECTRONICS SPECIFICATIONS.....       | 14 |
| 9.0.0 SYSTEM DOCUMENTATION.....                     | 19 |
| APPENDIX A – INTENT TO BID FORM .....               | 20 |
| APPENDIX B – BID SIGNATURE PAGE .....               | 21 |
| APPENDIX C – BILL OF MATERIALS .....                | 22 |
| APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT .....    | 23 |
| APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT.....    | 24 |
| APPENDIX F – BUILDING MAPS .....                    | 25 |

## REQUEST FOR PROPOSALS – NETWORK ELECTRONICS

### 1.0.0 **INVITATION TO BID**

#### 1.1.0 **BID ACCEPTANCE**

**Fowlerville Community Schools**, hereby known as “District”, will accept sealed responses (“Bids”) to this Request for Proposals (RFP) for Network Electronics projects which comply with the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications set forth below and submitted to the District at the following address:

**Fowlerville Community Schools  
Network Electronics - FY2018 USF Bid  
Technology Department – Attention: Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

#### 1.2.0 **INTENT TO BID FORM**

All Bidders must complete and submit the Intent to Bid Form, Appendix A, no later than February 21, 2018. The Bidder shall be responsible for the timely delivery of the Intent to Bid Form. The Bidder shall make no additional stipulations on the Intent to Bid Form or qualify their Bid in any other manner.

#### 1.3.0 **FACILITIES/BUILDING WALKTHROUGH**

All Bidders are encouraged to attend a walkthrough meeting at the facilities and buildings where the Network Electronics will be installed. The walkthrough meeting will begin promptly at the time specified whereby any/or all questions regarding the Network Electronics project will be answered by the District. The walkthrough meeting is scheduled for **2:00P.M. on February 21, 2018 at Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville, MI 48836**.

### 2.0.0 **BIDDER INSTRUCTIONS**

#### 2.1.0 **BID OPENING**

All Bid responses to this RFP must be in triplicate in a sealed opaque envelope labeled as follows: ***Network Electronics - FY2018 USF Bid and 1:00 P.M., March 6, 2018. The bidder must also include an electronic copy of all bid materials on a flash drive as well as the paper copies.***

**2.1.1** No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.

**2.1.2** No Bids will be considered after ***1:00 P.M., March 6, 2018***

**2.1.3** The Bidder shall be responsible for the timely delivery of the Bid; the District shall not be liable to any Bidder for any delivery or postal delays and postmarking to the bid opening date will not substitute for receipt of the Bid.

**2.1.4** All timely submitted Bids received by the District will be publicly opened at the **Central Office, 7677 Sharpe Rd., Fowlerville, Michigan 48836**, at ***1:00 P.M., March 6, 2018*** for recommendation to the Board of Education at a future regularly scheduled meeting.

**2.1.5** If the District is closed due to unforeseen circumstances on the bid opening date, Bids will be due on the next day that the District is open.

#### 2.2.0 **BID BONDS**

The Bidder shall submit a five percent (5 %) Bid Bond, of the total base Bid price, made payable to Fowlerville Community Schools, with the sealed Bid. Any Bids received without a Bid Bond will be rejected by the District.

#### 2.3.0 **CLARIFICATIONS AND CORRECTIONS**

Direct any and all questions regarding this RFP by email to: **Grace Damerow, Fowlerville Community Schools**, at: **[damerowg@fowlervilleschools.org](mailto:damerowg@fowlervilleschools.org)**. The resulting answers, along with the questions shall, be forwarded to all Bidders who have properly submitted the Intent to Bid Form and posted on USAC website.

## 2.4.0 GENERAL REQUIREMENTS

- 2.4.1 The District or its representatives shall not be held responsible for expenses incurred in the preparation or subsequent presentation of the Bid response.
- 2.4.2 This RFP for Network Electronics is not an offer to enter into a contract, but rather a solicitation for Bids.
- 2.4.3 The Bidder shall supply, upon request, samples and/or brochures of the proposed materials and equipment with the Bid.
- 2.4.4 The District shall provide drawings associated with this project as part of this RFP. (Appendix F)
- 2.4.5 The District reserves the right to reject Bids submitted without a five percent (5%) Bid Bond, signed Bid Signature Page, Bill of Materials, Familial Disclosure Affidavit, Iran Linked Business Affidavit, and a list of four (4) references.

## 2.5.0 BID IDENTIFICATION REQUIREMENTS

The Bid shall include the full legal name of the Bidder, its business address, telephone number, and a statement identifying the Bidder as a sole proprietorship, partnership, corporation, or other legal entity. A proprietorship shall state the full name of the proprietor, a partnership shall state the full names of the general partners, and a corporation shall identify the state in which it is incorporated. Each copy of the Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract.

- 2.5.1 The Bidder shall complete and submit, along with the Bid, a Bid Signature Page, Appendix B, in long hand, in ink, by an authorized representative.
- 2.5.2 The Bidder shall complete and submit, along with the Bid, a Bill of Materials, Appendix C, summarizing the details of the Bid.
- 2.5.3 The submitted Bid shall include a Familial Disclosure Affidavit form, Appendix D, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.4 The submitted Bid shall include an Iran Linked Business Affidavit form, Appendix E, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.5 The submitted Bid shall include a list of at least four (4) references, one (1) of which must be a school or school district, for similar work performed within the past three (3) years.

## 2.6.0 DEFINITIONS

The foregoing definitions are made available for the purpose of this Request for Proposals (RFP) only.

- 2.6.1 **District** – Fowlerville Community Schools
- 2.6.2 **Bidder(s)** – Business Entities and/or Person(s) submitting the Bid.
- 2.6.3 **Bid(s)** – A complete and properly executed proposal to perform the Scope of Work, or designated portion thereof, for the sums stated within the Bid.
- 2.6.4 **Base Bid** – The sum stated in the Bid for which the Bidder offers to perform the Scope of Work wherein work may be added or subtracted for sums stated in the Alternate Bid, if any.
- 2.6.5 **Alternate Bid** – An amount stated in the Bid to be added or subtracted from the amount of the Base Bid, if said change in the Scope of Work, method of construction and/or materials is accepted by the District.
- 2.6.6 **Selected Vendor/Contractor** – The Bidder(s) receiving formal notice of acceptance of his/her Bid(s) and has been duly served by an officer *or* agent of the District duly authorized to give such notice.

### **3.0.0 GENERAL CONDITIONS**

#### **3.1.0 RIGHTS OF ACCEPTANCE OR REJECTION**

The District's Board of Education reserves the unconditional right to reject any and all Bids in whole, or in part, and accept any Bid or portion of the Bid that, in their opinion, best serves the interests of the District.

#### **3.2.0 QUALIFICATION OF BIDDERS**

For the purpose of assuring the District of the quality of workmanship, materials, products and/or services, the Board of Education will retain the right and has complete discretion to qualify or disqualify any Bidders on the basis of available information concerning the Bidder's ability to perform as needed and the suitability of the products and/or services included in the Bid as described in sections 3.4.0 and 3.5.0. **Each Bidder, by submitting a Bid, represents that:**

- 3.2.1** The Bidder has read and understands all the Bid requirements, conditions and specifications contained herein.
- 3.2.2** The Bidder has the option to visit the District work site and familiarized themselves with the local conditions under which the work is to be performed.
- 3.2.3** The Bid is based upon the materials, systems and equipment described, without exception, in all Bid documents supplied by the District.

#### **3.3.0 VARIANCE AND PRICE**

Any variance from the specifications in section 8.0.0 of this RFP must be fully explained in writing by the Bidder. All prices quoted in the Bid must be on a unit price basis and include the total price. The price of an item or unit of a given product as promised in a Bid cannot be changed by the service provider regardless of whether the District changes the quantity of the item or unit needed.

#### **3.4.0 MANUFACTURER(S) BRANDS/MODEL NUMBERS**

The naming of a manufacturer(s), brand or model number will not be considered as excluding other brands or model numbers for purposes of later providing the products as promised in the Bid. Specifically, similar products with comparable construction, material and workmanship will be considered as equal. Notwithstanding, the Board of Education of the District has complete discretion to evaluate the merits of all Bids submitted and can take into consideration the brand and/or model numbers set forth in the Bids.

#### **3.5.0 MANUFACTURER(S) SUBSTITUTIONS**

Any substitution from the specified products and/or services by the manufacturer(s) is acceptable if at no additional cost to the District and approved by an authorized district representative prior to placing the order for said products and/or services. The District reserves the right to refuse any and all manufacturer(s) substituted products and/or services.

#### **3.6.0 MANUFACTURER(S) DISCOUNTS**

The District reserves the right to receive any and all manufacturer(s) price reductions, discounts or rebates that are received by the selected vendor/contractor for the specified products and/or services. The selected vendor/contractor agrees to pass any and all cost savings from the manufacturer(s) for the specified products and/or services to the District by way of a setoff of monies owed or refund of monies paid by the District.

#### **3.7.0 CLEAN-UP**

The selected vendor/contractor must, at all times, keep the premises free from accumulations of waste materials, caused by the work; and upon completing the work, must remove all work related rubbish from and about the building(s) and must leave the work area broom clean, or its equivalent. In the case of a dispute, the District may remove the rubbish and charge the cost to the selected vendor/contractor.

#### **3.8.0 ROYALTIES AND PATENTS**

The selected vendor/contractor must pay for all royalties, copyright, trademark and patents and must defend all suits for claims or infringements on copyrights, trademarks and/or patent rights and shall indemnify and hold the District harmless from any and all claims and/or loss related to claims and/or infringements on copyrights, trademarks and/or patent rights, including reasonable attorney fees and costs incurred by the District.

### **3.9.0 ADDENDA**

Any clarifications or modifications to the specifications for the RFP will be issued by the District in the form of an addendum. Any addendum issued during the bidding time will become part of the specifications and a copy will be sent to all Bidders as set forth in section 2.3.0.

**3.9.1** No verbal statements by the District will be considered as binding or enforceable against the District.

**3.9.2** No requests for clarifications or modifications will be processed within four (4) days immediately prior to the Bid opening date.

### **3.10.0 FEDERAL, STATE AND LOCAL TAXES**

All products and/or services furnished by the selected vendor/contractor must comply with all applicable federal, state and local codes, and regulations. All Bids must include, and the selected vendor/contractor must pay, all taxes levied by the Federal, State, and Local Governments, on both labor and materials. The District reserves the right to require evidence of such tax payments prior to final payment of the contract. The District is exempt from Federal Excise and State Sales Taxes. To comply with these regulations, sales tax is not to be included in the Bid.

### **3.11.0 PROJECT IMPLEMENTATION**

The selected vendor/contractor shall have sufficient resources in order to complete the project within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the Timeline Requirements, section 6.0.0.

### **3.12.0 NO DISCRIMINATION**

The selected vendor/contractor and their subcontractors are required not to discriminate against any employee or applicant for employment, to be employed in the performance of the Bid, with respect to hire, tenure, terms, conditions or privileges of employment, because of race, color, religion, national origin, or ancestry or also because of age or sex, except based on a legitimate occupational qualification. Violation of this requirement may be regarded as a material breach of the Michigan Fair Employment Practices Act and may be subject to prosecution.

### **3.13.0 NO SMOKING POLICY**

The District adheres to a mandatory no smoking policy on school premises and/or at school functions. All Bidders shall comply with this no smoking policy.

### **3.14.0 PRODUCTS AND SERVICES SPECIFICATIONS**

It is the intent of the specifications in section 8.0.0 of this RFP to define the minimum acceptable quality of products and/or services. The product line must be of known quality from a nationally recognized manufacturer(s) who regularly advertises, promotes and distributes products and services to the school market.

### **3.15.0 VARIATIONS FROM SPECIFICATIONS**

All variations from the specified products and/or services, section 8.0.0, must be fully explained and included with the Bid. Manufacturer(s) Brands must be used in all cases.

**3.15.1** The District reserves the right to increase or decrease quantities, or modify the specifications.

**3.15.2** The selected vendor/contractor shall agree to a written modification of the terms of its original Bid within five (5) business days of receiving written notification of the increase or decrease in quantities, or modification of the specifications.

### **3.16.0 PARTIAL BIDS**

Partial Bids will be considered, where appropriate. Bidders may separately submit Bids for the requested network products only or labor services only or both network products and labor.

### **3.17.0 CANCELLATIONS**

The District reserves the right of cancellation for non-performance of the terms specified in the awarded contract.

### **3.18.0 WITHDRAWAL OF BIDS**

Upon presentation of proper identification, any Bidder may withdraw his/her Bid at any time prior to the scheduled Bid Opening date and time, section 2.1.0. No Bid shall be withdrawn for a period of ninety (90) days after the Bid Opening date and time.



**3.19.0 BID EVALUATIONS**

Considerations for awarding contracts will include price, product quality, service, delivery, and maintenance of products and/or services, adherence to specifications, past performance to the District, vendor/contractor reliability, warranties and familiarity with the projects and the facilities of the District.

**3.19.1** It is the intent of the District to award the contract to the Bidder submitting the “best” cost effective Bid for the project; provided the Bid has been properly submitted and delivered, including all required documentation herewith, and considered reasonable in price.

**3.19.2** Price being the primary factor, consideration, other than price alone, shall be used in determining the most successful Bid; technical experience, local service and support, and experience in educational environments are used to perform the District’s Bid evaluations.

**3.19.3** The Board of Education of the District will evaluate the merits of all Bids submitted and reserves the unconditional right to accept or reject any or all Bids.

**3.20.0 NOTICE OF AWARD**

The Bidder will be deemed as having been awarded when the formal notice of acceptance of his/her Bid has been duly served upon the intended awardees by an officer, or agent, of the District duly authorized to give such notice.

#### **4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS**

##### **4.1.0 IDENTIFICATION NUMBER**

The service provider's USF Service Provider Identification Number (SPIN) *must* be included in the Bid. Direct all questions regarding the USF requirements in this RFP to the Universal Service Administrative Company (USAC), Schools and Library Division (SLD) at (888) 203-8100.

##### **4.2.0 FY2018 FUNDING REQUESTS**

The specified products and/or services are to be provided for FY2018 (July 1, 2018-June 30, 2019) and must qualify for universal service discounts under the FY2018 universal service support mechanism, E-Rate. The *E-rate Modernization Order* permits applicants to seek support for Category 2 eligible non-recurring services purchased on or after April 1, three months prior to the start of the funding year on July 1. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018.

##### **4.3.0 UNIVERSAL SERVICE DISCOUNTS**

The service provider contract is conditional upon the District receiving universal service discounts under the FY2018 universal service support mechanism, E-rate. The District reserves the unrestricted right to reduce the contract amount by reducing the amount of services and/or products in order to meet budget requirements in the event the level of the universal service discounts is reduced. Any such reductions to the contract amount will be taken prior to the start of the specific work being reduced or eliminated on a given building and/or project.

##### **4.4.0 UNIVERSAL SERVICE DISCOUNT IMPLEMENTATION**

The District reserves the unrestricted right to specify the filing option for the universal service discounts for each product and/or service offered within a Bid: Billed Entity Applicant Reimbursement (BEAR) *or* Service Provider Invoice (SPI).

##### **4.5.0 ELIGIBLE PRODUCTS AND SERVICES**

The USF eligible products and/or services identified on the USAC FY2018 Eligible Services List, which is incorporated herein by reference, must be identified separately from any and all "ineligible" products and/or services in the Bid.

##### **4.6.0 PROJECT FUNDING REQUIREMENTS**

This project is entirely conditional upon receiving written notification in the form of a Funding Commitment Decision Letter from the USAC/SLD that the District has been approved for E-Rate Funding. If the District receives less than the full E-Rate Funding for which it applies, the District has the unrestricted right to reduce the number of units and services in the accepted Bid. In the event that E-Rate Funding is not available for the accepted Bid, District, in its discretion, may cancel and/or modify the Scope of Work (SOW) and subsequent purchases requested in this RFP.

##### **4.7.0 LOWEST CORRESPONDING PRICE**

Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular E-rate applicant for similar services. Service Providers cannot charge E-rate applicants a price above the Lowest Corresponding Price (LCP) and must actually charge the rate that is the LCP, not just offer the LCP in the Bid. In addition, promotional rates offered by a Service Provider for a period of more than 90 days must be included among the comparable rates upon which the LCP is determined.

## 5.0.0 **SCOPE OF WORK**

### 5.1.0 **GENERAL DESCRIPTION**

The general description of the Scope of Work (SOW) for this project is to provide the District with Network Electronics at seven (7) school buildings. In addition to the forgoing SOW, all Bids must comply with all sections of this RFP and the Products and Services Specifications set forth in sections 8.0.0 through 9.0.0.

### 5.2.0 **FACILITIES/LOCATIONS**

| <b>Building Name</b>               | <b>Address</b>      | <b>City</b> | <b>State</b> | <b>Zip</b> |
|------------------------------------|---------------------|-------------|--------------|------------|
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI           | 48836      |
| Fowlerville Junior High School     | 7677 Sharpe Road    | Fowlerville | MI           | 48836      |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI           | 48836      |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI           | 48836      |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI           | 48836      |

### 5.3.0 **VENDOR/CONTRACTOR RESPONSIBILITY**

It shall be the responsibility of the selected vendor/contractor to provide the configuration and system quantities to all locations stated herein. The intentional or accidental omission of necessary component(s) or system(s) shall require the selected vendor/contractor to supply said missing component(s) or system(s) at no cost to the District. The District and any Consultants associated with this RFP are not responsible for any omission, failure to detect any requirement, or any other condition required to complete the Scope of Work. **The awarded Bidder shall:**

- 5.3.1.** Meet jointly with representatives of the District to exchange information and agree on details of equipment arrangements and installation interfaces for a Network Electronics project.
- 5.3.2** Have sufficient resources in order to complete the SOW within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to complete the SOW within the specified timeframe.
- 5.3.3** Furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the Network Electronics system installed at the District.
- 5.3.4** Test (100%) all hardware for defects in installation and to verify performance under installed conditions.
- 5.3.5** Provide installation, administration, testing, and “As-Built” documentation required from and/or maintained by the selected vendor/contractor during the course of the entire network electronic installation project.
- 5.3.6** Provide a written guarantee/warranty covering the installed network electronics against defects in workmanship, components, and performance, and follow-on support after project completion for a period of three (3) years.

## **6.0.0 TIMELINE REQUIREMENTS**

### **6.1.0 PROJECT TIMELINE**

The selected vendor/contractor shall have sufficient resources in order to complete the SOW, section 5.0.0, within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the timeline requirements for completing the entire project. The District is expecting the project to be completed in accordance with the following Project Timeline:

|                                                      |                                |
|------------------------------------------------------|--------------------------------|
| RFP available on-line <i>or</i> for pickup .....     | February 6, 2018               |
| Walk Thru..... [2:00 p.m.] .....                     | February 21, 2018              |
| Sealed Bids Due .....                                | [1:00 p.m.] .....March 6, 2018 |
| Sealed Bids Opened .....                             | [1:00 p.m.] .....March 6, 2018 |
| Board Approval .....                                 | March 13, 2018                 |
| Sign Contracts/approve Implementation Schedule ..... | March 16, 2018                 |
| Installation Begins .....                            | July 1, 2018                   |
| Installation Complete .....                          | August 15, 2018                |

### **6.2.0 SCOPE OF WORK SCHEDULES**

If and when the school buildings specified in the SOW are occupied with students and school is in session, the selected vendor/contractor is expected to perform the project after school hours and without any additional costs to the District. Areas of the school buildings that are otherwise unoccupied with students and whereby instruction is not disturbed, the selected vendor/contractor may perform the SOW with prior written authorization from the District.

### **6.3.0 PROJECT IMPLEMENTATION SCHEDULES**

All Bidders shall provide the District with a project implementation schedule that adheres to the timeline requirements stated above, section 6.1.0. Further, the project implementation schedule must demonstrate that the selected vendor/contractor has the means and capability to complete the SOW without disruption to school building instruction, activities and meetings. This said project implementation schedule must be agreed upon by both the vendor/contractor and the District and shall be incorporated as part of the awarded contract.

## **7.0.0 AWARDED CONTRACT REQUIREMENTS**

### **7.1.0 CONTRACT EXECUTION**

The Bidder shall render, deliver and execute the awarded contract within ten (10) days of being notified that the Bid is accepted and that the selected vendor/contractor is awarded a contract to perform the SOW in accordance with all terms and conditions contained herein. The awarded contract must be SIGNED and DATED by both the District and the awarded vendor/contractor prior to start of any work and in compliance with, section 4.6.0.

### **7.2.0 SEPARATE CONTRACTS**

The District reserves the unrestricted right to award different portions of the project, as broken out in the Bill of Materials, Appendix C, to separate vendors/contractors as separate contracts. Said separate contracts shall be based on the District's evaluation and interpretation of the "most cost effective" means for the District to complete the SOW for this project.

### **7.3.0 CHANGES TO SCOPE OF WORK**

The District, without invalidating the Contract, may order changes within the SOW consisting of additions, deletions, and/or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All said changes in the SOW shall be authorized by written "Change Order(s)", signed by the District, and will be executed under applicable condition of contract documents.

**7.3.1** The Contract Sum and The Contract Time may be changed only in writing.

**7.3.2** The cost or credit to the District from all "Change Order(s)" shall be determined by mutual, written, agreement.

**7.3.3** The District will not pay invoices for work performed by verbal authorization.

### **7.4.0 PERFORMANCE BOND REQUIREMENTS**

The Bidder shall furnish a Performance Bond covering the faithful performance of the awarded contract and a labor and material payment Bond in the TOTAL amount of the Bid in such form and with such sureties as the District shall approve, which such approval will not be unreasonably withheld. If the selected vendor/contractor defaults, neglects or fails to perform any provisions of the awarded contract, the District may, at its discretion, and after seven (7) days written notice to the selected vendor/contractor, notify the bonding company that the selected vendor/contractor is in default.

**7.4.1** The selected vendor/contractor shall provide, and present with the sealed Bid, a bid bond or cashier's check in the amount equaling five percent (5%) of the Bid total.

**7.4.2** The selected vendor/contractor shall provide, and maintain in force, a bond with surety, and on forms approved by the District in the amount of one-hundred percent (100%) of the contract amount that the selected vendor/contractor shall promptly and faithfully perform all obligations under the awarded contract.

**7.4.3** The selected vendor/contractor shall provide and maintain, in force, a bond with Surety and on forms approved by the District that selected vendor/contractor shall make payment to all claimants for all labor and material used or reasonably required for use in the performance of the awarded contract.

**7.4.4** Final Bid price may not exclude costs to secure or hold performance or bid bonds.

### **7.5.0 TERMINATION OF AWARDED CONTRACTS**

If the selected vendor/contractor defaults or neglects to carry out the SOW and sections referenced therein, in accordance with the awarded contract and/or fails to perform any provision of the awarded contract, the District may, after seven (7) days' written notice to the selected vendor/contractor and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the selected vendor/contractor or, at its option, may terminate the awarded contract and take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the selected vendor/contractor and may finish the project by whatever method it may deem expedient. If such expense exceeds such awarded contract price, the selected vendor/contractor shall pay the difference to the District.

#### 7.6.0 EMPLOYMENT PRACTICES

The selected vendor/contractor, by signing a contract, agrees to comply with the provision of the State of Michigan policy regarding "Non-Discrimination of Employment", section 3.12.0. **The selected vendor/contractor shall also:**

- 7.6.1 Provide all selected vendor/contractor employees with picture ID.
- 7.6.2 Upon arrival and departure, have all employees sign in and out at the main office for each school building location.
- 7.6.3 Supply the District, by email, weekly work schedules no later than the Wednesday of the preceding week. Failure to do so may result in the schedule being rejected by the District.

#### 7.7.0 SELECTED VENDOR/CONTRACTOR PERFORMANCE

The selected vendor/contractor will be responsible for construction means, methods, techniques, sequences or procedures, and safety precautions and programs in connection with the SOW, section 5.0.0, and the Timeline Requirements, section 6.0.0. **The selected vendor/contractor shall also:**

- 7.7.1 Provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for proper execution and completion of the SOW.
- 7.7.2 At all times enforce strict discipline and good order among its employees and shall not employ any unfit person or anyone not skilled in the tasks assigned to them.
- 7.7.3 Give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority bearing on the performance of the work performed.
- 7.7.4 Be responsible for the acts and omissions of all his employees and all Subcontractors, if any, their agents and employees and all other persons performing any of the work under a contract with the selected vendor/contractor.

#### 7.8.0 SUBCONTRACTOR PERFORMANCE

A Subcontractor is a person, firm, company or corporation who has a contract with the Bidder to perform any work for completing the project. The awarded Bidder shall be responsible for the actions, inactions, and work performed by the subcontractor. Contracts between the Bidder and the subcontractor shall be in accordance with the terms of the awarded contract by the District to complete the SOW, section 5.0.0. The selected Bidder shall furnish to the District, in writing, a list of any/all subcontractors proposed to perform any part or portion of the SOW to complete the project. The selected Bidder shall not employ any subcontractor to whom the District objects and may withdraw their Bid or submit an acceptable substitute.

#### 7.9.0 SUPPLEMENTAL INFORMATION REQUESTS

The Bidder shall be prepared to provide the District, within ten (10) days of being notified of the awarded contract, the names of the suppliers for the equipment and materials used to complete the work. **The District may request any and all Bidders to also submit, within ten (10) days of being notified, the following:**

- 7.9.1 The Bidder's performance record(s).
- 7.9.2 An itemized list of the Bidder's equipment, plant and personnel.
- 7.9.3 The Bidder's financial statement(s).
- 7.9.4 A description of any project, which the Bidder has completed in a satisfactory manner.
- 7.9.5 Any additional information that will satisfy the District that the Bidder is adequately situated and able to fulfill the terms of the proposed contract.
- 7.9.6 A description of any other project(s) that will be performed simultaneously with the District's project(s).
- 7.9.7 A statement regarding any past, present or pending litigation for contracted products and services.

#### **7.10.0 INSPECTIONS**

The District and its agents have the right to inspect the selected vendor/contractor's work periodically to determine that proper materials were used and that the progress and quality of work completed is in accordance with the contract.

- 7.10.1** Prior to the start of the projects, the selected vendor/contractor will have materials on site and available for inspection by the District's designated authorized representative.
- 7.10.2** All equipment used for the project must be in compliance with the specified part numbers contained in the successful Bid.
- 7.10.3** Asset tags provide by the district must be placed on each piece of equipment and an assets tag list must be provided the district that includes: Make, model, serial number, building name and room location.

#### **7.11.0 INVOICE/PAYMENT REQUIREMENTS**

Invoicing for payment(s) will be made 100% upon completion of the SOW and acceptance by the District. All invoices must be in compliance with the USF E-Rate Conditions, section 4.6.0. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018. **Payments will be paid NET 30 days AFTER:**

- 7.11.1** Acceptance by the District of "AS-BUILT" diagram(s) in both paper and electronic copy, preferably Microsoft Visio.
- 7.11.2** The selected vendor/contractor will submit proof of performance by submitting to the District, in both paper and electronic copy, cable certification testing results.
- 7.11.3** When applying for payments, the selected vendor/contractor shall submit to the District an itemized invoice based upon the installation schedule and supporting documentation required herein.
- 7.11.4** The project shall be considered complete when the SOW has been completed, accepted by the District and the following items are furnished; a) required guarantees, b) waivers of lien submitted showing all payrolls, material bills and other indebtedness connected with the project have been paid. The selected vendor/contractor must submit both a) and b) before the final payment is requested.
- 7.11.5** Payment may be withheld by the District for; a) defective work not remedied, b) claims filed and unresolved, c) failure of the selected vendor/contractor to properly pay for labor, materials or equipment, or proper payment to Subcontractors, and/or d) damages to the District or another Contractor.

#### **7.12.0 GUARANTEES**

The selected vendor(s)/contractor(s) must furnish the District a written guarantee of the services and/or products provided to the district for, at least, three (3) years after the final payment covering all workmanship and materials specified in the contract. Any defects in workmanship or materials for which a claim is submitted by the District within the three (3) year period must be corrected or replaced within thirty (30) days.

#### **7.13.0 WARRANTIES**

The selected vendor/contractor(s) must furnish the District written warranty documentation. This warranty documentation shall include cable and connectivity components and have one (1) point of contact person for all cabling system issues, where applicable.

- 7.13.1** The selected vendor/contractor must warrantee that all materials and supplies incorporated within the Bid, is new, unless otherwise specified, and that all work performed will be of good quality, free from faults and defects, and in adherence to the Product and Services Specifications in this RFP.
- 7.13.2** The warranty shall provide a complete system warranty to guarantee an end-to-end high performance network system that meets the system application requirements. The network electronics shall be warranted under this provision for three (3) years.
- 7.13.3** If the manufacturer repairs any product under the warranty, they may use new or reconditioned replacement parts. If the manufacturer replaces the product under the warranty, they may replace it with a new or reconditioned product of similar or same design.
- 7.13.4** Any such repairs or replacement by the manufacturer will be warranted for either a) ninety (90) days or b) the remainder of the original three (3) year warranty period, whichever is longer.

#### **7.14.0 CORRECTION OF WORK**

The selected vendor/contractor shall correct any work that fails to conform to the requirements of the awarded contract where such failures or any defects is due to faulty materials, equipment or workmanship which appear within a period of three (3) years from the date of completion of the contract *or* within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract. These provisions apply to all work performed by employees of the selected vendor/contractor and any Subcontractors.

#### **7.15.0 RIGHT TO REJECT OR STOP THE WORK**

The District may reject work which does not conform to the Bid or awarded contract specifications. If the selected vendor/contractor fails to correct any defective work or fails to supply labor, materials, or equipment in accordance with the specifications of the awarded contract, the District may order the selected vendor/contractor to stop all work, or any portion thereof, until the cause for such order has been eliminated.

#### **7.16.0 INDEMNIFICATION**

The selected vendor/contractor shall indemnify and hold harmless the District and its agents and employees from and against all claims, damages, losses and expenses including attorneys' fee arising out of or resulting from the performance of the project; provided that any such claim, damage, loss or expense is attributable to a) bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting from and b) is caused in whole or in part by any act or omission of the selected vendor/contractor, and/or Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. In any and all claims against the District or any of its agents or employees, by any employee of the selected vendor/contractor, and/or Subcontractor, anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the selected vendor/contractor and/or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

#### **7.17.0 FORCE MAJEURE**

Except for the District's obligation to pay the selected vendor/contractor, neither party shall be liable for any failure to perform its obligations under the awarded contract or any SOW if prevented from doing so by a cause or causes beyond its control, including without limitations, acts of God or public enemy, failure of suppliers to perform, fire, floods, storms, earthquakes, riots, strikes, war, and restraints of government.

#### **7.18.0 LIABILITY REQUIREMENTS**

The selected vendor/contractor shall be responsible for initiation, maintaining, and supervising all safety precautions and programs in connection with the project. The selected vendor/contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to 1) all employees on the project and other persons who may be affected thereby, 2) all the SOW and all materials and equipment to be incorporated therein, and 3) other property at the site or adjacent thereto.

**7.18.1** The selected vendor/contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss.

**7.18.2** All damage or loss to any property caused in whole or in part by the selected vendor/contractor, any Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the selected vendor/contractor, except damage or loss attributable to the fault or negligence of the District.

#### **7.19.0 INSURANCE REQUIREMENTS**

No work connected with this project may start until the selected vendor/contractor has submitted a Certificate of Insurance executed by the selected vendor/contractor's insurance carrier showing required insurance coverage **and Fowlerville Community Schools is named as additional insured on said policy**. An endorsement or statement waiving the right of cancellation or reduction in coverage, unless thirty (30) days prior written notice is given to the District by registered or certified mail, shall be included. **As a condition of performing work as a vendor/contractor, you must provide the District with satisfactory evidence of insurance coverage's as follows:**

**7.19.1** Workers Compensation and Employer's Liability Insurance covering your statutory obligations in the State of Michigan.



**7.19.2** Automobile Liability Insurance with a limit of \$1,000,000 per accident covering your owned, non-owned and hired automobiles.

**7.19.3** Commercial General Liability Insurance written on an OCCURRENCE policy form includes coverage's for your operations, personal injury, XCU (explosion, collapse and underground), independent Contractors, contractual and products-completed operations with limits of liability as follows:

**7.19.3.1** If your policy is written on the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence

\$2,000,000 General Aggregate

\$2,000,000 Product-Completed Operations Aggregate

If your policy's general aggregate is per job, then a \$1 million limit of liability is acceptable for the general aggregate and the products-completed operations aggregate.

**7.19.3.2** If your policy is written on a form other than the 1986 ISO Simplified form, minimum limits are as follows:

\$1,000,000 Occurrence (bodily injury & property damage combined)

\$1,000,000 Aggregate (applicable to products-completed operations only)

**7.19.3.3** Products-completed operations liability must be maintained for not less than one (1) year after acceptance of completion of your work.

**7.19.4** Evidence of your insurance coverage's, required herein, is to be provided to the District on Accord Certificate form 25 or 25-S and must indicate the following:

**7.19.4.1** That your Commercial General Liability insurance policy includes coverage's for items specified in 7.19.3 above.

**7.19.4.2** A "Best" rating for each of your insurance carriers at B+ VII or better.

**7.19.4.3** That the words "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" do not apply or have been removed.

**7.19.4.4** That Fowlerville Community Schools are additional insured on the General Liability policy certificate.

**7.19.4.5** Any deviations in coverage provided by the Standard 1986 ISO Simplified General Liability policy form, and any deductible over \$1,000 applicable to any coverage.

**7.19.4.6** General Liability and Auto Liability limits may be attained by individual policies or by a combination of underlying policies with umbrella and/or excess policies.

**7.19.4.7** The District does not carry theft, glass breakage, or builders risk insurance. The selected vendor/contractor will make arrangements if these coverage's are desired. The selected vendor/contractor must provide an Installation Floater for the value of the contract to protect the District. The selected vendor/contractor must furnish to the District, a binder certifying each insurance policy required.

#### **7.20.0 MISCELLANEOUS CONTRACT PROVISIONS**

The awarded contract will be governed by the laws of the State of Michigan. The selected vendor/contractor shall not assign the contract or sublet it or portions thereof without the written consent of the authorized District representative.

## **PRODUCTS AND SERVICES SPECIFICATIONS**

### **8.0.0 NETWORK ELECTRONICS SPECIFICATIONS**

#### **8.1.0 INTRODUCTION**

These Products and Services Specifications provide the Bidder with the Network Electronics requirements for projects requested by the District in this RFP. The intent of the Network Electronics Specifications is to provide relevant information that allows the Bidder to bid the labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables to install a complete Network Electronics system.

**8.1.1** The selected vendor/contractor is responsible for proposing any and all items required for a complete Network Electronics system even though it may not be identified in the specifications incorporated herein, Bill of Materials attached with the Bid.

**8.1.2** The successful Bidder shall meet or exceed all requirements for the Network Electronics described in this RFP and any Bid attachment documents provided by the District.

**8.1.3** If, for any reason, any Bid attachment document is in conflict with the details in the specifications herein this RFP, the forgoing written specification shall take precedence.

#### **8.2.0 APPLICABLE DOCUMENTS**

The Network Electronics system described within the specifications is derived, in part, from the recommendations in industry standard manuals and documents. The Bidder is responsible for determining and adhering to the most recent release of applicable documents when developing their proposal for the Network Electronics installation.

**8.2.1** If a conflict exists between the applicable documents, then the aforementioned numeric list of applicable documents shall dictate the order of precedence in resolving such conflicts. This order of precedence shall be maintained unless a lesser order document has been adopted as code by a local, state, or federal entity. If a conflict further exists, documents adopted as code shall take precedence.

**8.2.2** If the specifications incorporated herein and any of the aforementioned applicable documents are in conflict with each other, then the more stringent requirement shall apply. All applicable documents listed are, to the best of the District's knowledge, considered to be the most current releases of said documents.

#### **8.3.0 PURPOSE AND BIDDER RESPONSIBILITIES**

The intent of these Network Electronics specifications is to make available to all Bidders a standard specification for Network Electronics (s) in all K-12 educational facilities identified in the SOW, section 5.0.0.

**8.3.1** The Network Electronics specifications identify the minimum performance criteria for the components and sub-systems encompassing a complete Network Electronics system that shall accommodate the District's infrastructure requirements as per section 5.3.0, vendor responsibilities.

**8.3.2** The product specifications, general design considerations, and installation guidelines are incorporated herein this RFP.

**8.3.3** The successful Bidder(s) is required to furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the Network Electronics system installed at the District.

**8.4.0 NETWORK ELECTRONICS REQUIREMENTS**

The intent of the Network Electronics Requirements is to provide relevant information that allows the Bidder to bid the labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables; compatible with the District's existing network infrastructure. The Bidder may choose to Bid both materials and labor *or* equipment only, labor only, as separate Bids.

**8.4.1 Network Electronics\*** - The District is accepting Bids for network electronic equipment listed in the table below. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate "ineligible" products and/or services must be listed separately in the Bid.

**Option #1:**

| <b>Building</b>                    | <b>Description</b>                    | <b>Qty</b> |
|------------------------------------|---------------------------------------|------------|
| John S Munn Early Childhood Center | Managed 48 Port + 4 SFP+ POE+         | 1          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 2          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 2          |
|                                    | SFP-10G-LR                            | 4          |
|                                    | Stacking Cables                       | 3          |
|                                    | 10GbE DAC                             | 2          |
| Fowlerville High School            | Managed 24 Port + minimum 2 SFP+      | 16         |
|                                    | Managed 24 Port + minimum 2 SFP+ POE+ | 12         |
|                                    | Managed 48 Port + 4 SFP+ POE+         | 4          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 14         |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 11         |
|                                    | SFP-10G-LR                            | 86         |
|                                    | Stacking Cables                       | 11         |
| Fowlerville Junior High School     | 10GbE DAC                             | 4          |
|                                    | Managed 48 Port + 4 SFP+ POE+         | 5          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 16         |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 4          |
|                                    | SFP-10G-LR                            | 26         |
|                                    | Stacking Cables                       | 20         |
|                                    | 10GbE DAC                             | 12         |
|                                    | SFP-1G-BASET                          | 10         |
| H.T. Smith Elementary School       | 40 GbE DAC                            | 4          |
|                                    | Managed 48 Port + 4 SFP+ POE+         | 3          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 5          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 1          |
|                                    | SFP-10G-LR                            | 2          |
|                                    | SFP-10G-SR                            | 4          |
|                                    | Stacking Cables                       | 6          |
| Natalie Kreeger Elementary School  | 10GbE DAC                             | 3          |
|                                    | Managed 48 Port + 4 SFP+ POE+         | 3          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 7          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 1          |
|                                    | SFP-10G-LR                            | 6          |
|                                    | Stacking Cables                       | 10         |
|                                    | 10GbE DAC                             | 4          |

**Option #2:**

| <b>Building</b>                    | <b>Description</b>                    | <b>Qty</b> |
|------------------------------------|---------------------------------------|------------|
| John S Munn Early Childhood Center | Managed 48 Port + 4 SFP+ POE+         | 1          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 2          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 2          |
|                                    | SFP-10G-LR                            | 4          |
|                                    | Stacking Cables                       | 3          |
|                                    | 10GbE DAC                             | 2          |
| Fowlerville High School            | Managed 48 Port + 4 SFP+ POE+         | 6          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 21         |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 5          |
|                                    | SFP-10G-LR                            | 26         |
|                                    | Stacking Cables                       | 19         |
|                                    | 10GbE DAC                             | 4          |
| Fowlerville Junior High School     | Managed 48 Port + 4 SFP+ POE+         | 6          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 16         |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 3          |
|                                    | SFP-10G-LR                            | 26         |
|                                    | Stacking Cables                       | 20         |
|                                    | 10GbE DAC                             | 12         |
|                                    | SFP-1G-BASET                          | 10         |
|                                    | 40 GbE DAC                            | 4          |
| H.T. Smith Elementary School       | Managed 48 Port + 4 SFP+ POE+         | 3          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 5          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 1          |
|                                    | SFP-10G-LR                            | 6          |
|                                    | Stacking Cables                       | 6          |
|                                    | 10GbE DAC                             | 3          |
| Natalie Kreeger Elementary School  | Managed 48 Port + 4 SFP+ POE+         | 3          |
|                                    | Managed 48 Port + minimum 2 SFP+      | 7          |
|                                    | Managed 48 Port + minimum 2 SFP+ POE+ | 1          |
|                                    | SFP-10G-LR                            | 4          |
|                                    | Stacking Cables                       | 10         |
|                                    | 10GbE DAC                             | 4          |

**8.4.2 Wireless Network Electronics\***

The District is accepting Bids for wireless network electronic equipment listed in the table below. The District will consider alternate proposals provided the equipment is compatible with the District's existing network. All access points must be connected with a Category 6e patch cable. All access points must include any necessary mounting hardware and software license. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate "ineligible" products and/or services must be listed separately in the Bid.

| <b>Building</b>                    | <b>Description</b>                                      | <b>Qty</b> |
|------------------------------------|---------------------------------------------------------|------------|
| John S Munn Early Childhood Center | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 21         |
| Fowlerville High School            | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 78         |
|                                    | Dual Band AC Wave 2 Access Point (4x4) with Remote PCap | 4          |
| Fowlerville Junior High School     | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 45         |
| H.T. Smith Elementary School       | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 34         |
| Max Bessert Trans. Complex         | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 1          |
| Maintenance Building               | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 1          |
| Natalie Kreeger Elementary School  | Dual Band AC Wave 2 Access Point (3x3) with Remote PCap | 38         |
| Football Concessions               | Dual Band AC Wave 2 Access Point (4x4) with Remote PCap | 1          |
| District-wide                      | Wireless Controller                                     | 1          |
|                                    | Access Point Software Licenses                          | 235        |

- 8.4.3 Uninterruptable Power Supply \*** - The District is accepting Bids for uninterruptable power supply equipment listed in the table below. All uninterruptable power supplies must be rack mount type. This service is for the time period from July 1, 2018 through June 30, 2019. Any and all USF E-rate “ineligible” products and/or services must be listed separately in the Bid.

| Building                           | Description              | Qty |
|------------------------------------|--------------------------|-----|
| John S Munn Early Childhood Center | 3000VA (Max 1600W)       | 1   |
| Fowlerville High School            | 3000VA (Max 1600W)       | 6   |
|                                    | 5000VA (Max 2500W)       | 1   |
|                                    | Battery Packs for 5000VA | 1   |
|                                    | 3000VA (Max 1600W)       | 1   |
| Fowlerville Junior High School     | 5000VA (Max 2500W)       | 4   |
|                                    | Battery Packs for 5000VA | 4   |
|                                    | 3000VA (Max 1600W)       | 1   |
| H.T. Smith Elementary School       | 3000VA (Max 1600W)       | 1   |
| Natalie Kreeger Elementary School  | 3000VA (Max 1600W)       | 2   |

*\*All Bid prices for the eligible equipment listed in sections 8.4.1, 8.4.2 and 8.4.3 must include the following technical services and 3 year warranty according to the USF E-rate Eligible Services List (ESL)<sup>1</sup> for Funding Year 2018 - 2019:*

- a. Basic project management
- b. Basic design and engineering
- c. Installation, activation, and initial configuration
- d. Basic training for the eligible equipment
- e. Three year replacement warranty included in the base price

#### **8.4.4 BASIC MAINTENANCE OF INTERNAL CONNECTIONS**

The District is accepting Bids for Basic Maintenance of Internal Connections<sup>2</sup> (BMIC) to repair and upkeep the network electronics equipment requested in section 8.4.0 of this RFP. The Bid must specifically and separately identify the basic maintenance costs for all the USF E-rate “eligible” products and/or services<sup>3</sup> requested as well as any “ineligible” products and/or services required. The Bid must also identify the estimated number of hours and any materials necessary to repair and upkeep each piece of equipment<sup>4</sup>.

**8.4.4.1** The BMIC service shall be for the time period from July 1, 2018 through June 30, 2019.

**8.4.4.2** Any BMIC Bid that does not satisfy the requirement(s) contained herein may be disqualified and rejected for non-adherence to specifications.

<sup>1</sup> *USF E-Rate Conditions:* Clarification of the USF/E-Rate conditions is available at the following USAC/SLD website link: <http://www.usac.org/sl/applicants/beforeyoubegin/eligible-services-list.aspx>

<sup>2</sup> Unbundled warranties and BMIC contracts that require an upfront payment and that payment is required regardless of whether any service is actually performed are **not** eligible for E-rate reimbursements.

<sup>3</sup>The “eligible” BMIC services for E-rate FY16 reimbursements shall include repair and upkeep of the eligible hardware; wire and cable maintenance; basic technical support; configuration changes; and software upgrades and patches including bug fixes and security patches. Per Diem fees and travel time charges are **eligible only** if a contract for eligible products or services specifically provides for these costs.

<sup>4</sup> E-Rate reimbursements will only be paid on the actual work performed and hours used.

**9.0.0 SYSTEM DOCUMENTATION**

**9.1.0 WARRANTY DOCUMENTATION**

The selected vendor(s)/contractor(s) must furnish the District written warranty documentation. The warranty documentation shall include cable and connectivity components and have one (1) point of contact person for any/all Network Electronics system issues, where applicable.

- 9.1.1** The warranty shall cover the installed Network Electronics system against defects in workmanship, components, and performance, and follow-up support after project completion for a period of three (3) years from the date of the system installation acceptance by the District.
- 9.1.2** The warranty shall cover all labor and/or materials necessary to correct any/all failed portion(s) of the Network Electronics system and to demonstrate performance within the original installation specifications after repairs are accomplished.
- 9.1.3** The selected vendor/contractor shall provide said Network Electronics system warranty at no additional cost(s) to the District.

## **APPENDIX A – INTENT TO BID FORM**

***If the Bidder intends to submit a Bid for the Network Electronics project at Fowlerville Community Schools, this Intent to Bid Form must be completed and returned via mail, fax or email to the District no later than February 21, 2018.***

Please complete and return to:

**Fowlerville Community Schools  
Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

**Phone: 517.223.6021  
Fax: 517.223.6121  
Email: damerowg@fowlervilleschools.org**

---

I will attend the scheduled walkthrough meeting at **2:00 P.M. on February 21, 2018.**

☐ Yes ☐ No (Check one)

Name of Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_



## **APPENDIX B – BID SIGNATURE PAGE**

*I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications of this RFP and the Bid submitted herewith. Any and all deviations from the RFP Bid specifications are in writing and attached.*

### **Submitted By:**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### ***Do not write below this line: For District Use Only***

The following items are enclosed and/or included on the Bid:

- |                                                                                               |                                                                      |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input type="checkbox"/> Proposal(s) (in triplicate)                                          | <input type="checkbox"/> Intent To Bid Form (Appendix A)             |
| <input type="checkbox"/> Bid Bond/Cashier's Check (5% of Bid)                                 | <input type="checkbox"/> Bid Signature Page (Appendix B)             |
| <input type="checkbox"/> USF E-Rate SPIN                                                      | <input type="checkbox"/> Bill of Materials (Appendix C)              |
| <input type="checkbox"/> Four (4) references, one (1) of which is a school or school district | <input type="checkbox"/> Familial Disclosure Affidavit (Appendix D)  |
|                                                                                               | <input type="checkbox"/> Iran Linked Business Affidavit (Appendix E) |

## **APPENDIX C – BILL OF MATERIALS**

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposals – Network Electronics. All materials and labor must be listed separately on the bidder response

**NOTE: The Bidder may attach additional pages for Bill of Materials as needed.**

### **BASE BID - Network Electronics (Must include all components and installation costs)**

| <b>BUILDING NAME:</b> |              |                 |                    |            |                   |                    |
|-----------------------|--------------|-----------------|--------------------|------------|-------------------|--------------------|
| <b>Make</b>           | <b>Model</b> | <b>Part No.</b> | <b>Description</b> | <b>Qty</b> | <b>Unit Price</b> | <b>Total Price</b> |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |

### **ALTERNATE 1 BID - Network Electronics (Must include all components and installation costs)**

| <b>BUILDING NAME:</b> |              |                 |                    |            |                   |                    |
|-----------------------|--------------|-----------------|--------------------|------------|-------------------|--------------------|
| <b>Make</b>           | <b>Model</b> | <b>Part No.</b> | <b>Description</b> | <b>Qty</b> | <b>Unit Price</b> | <b>Total Price</b> |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |
|                       |              |                 |                    |            |                   |                    |

**APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT**

*All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the Bidder and any member of the Board of Education of the District and/or the Superintendent of the District.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the Bidder), pursuant to the familial disclosure requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the Bidder or any employee of the Bidder, and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

☐ **The following are the Bidders familial relationship(s) with the Fowlerville Community Schools:**

|    | <b>Bidder/Employee</b> | <b>Name Related to:</b> | <b>Relationship</b> |
|----|------------------------|-------------------------|---------------------|
| 1. | _____                  | _____                   | _____               |
| 2. | _____                  | _____                   | _____               |

(Attach additional pages if necessary to disclose all familial relationships.)

☐ **There is no familial relationship that exists** between the Bidder and/or any employee of the Bidder and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for \_\_\_\_\_ County,  
\_\_\_\_\_ on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Notary Public Signature) **SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

## APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT

*All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors and employees.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the “Iran Linked Business” requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

☐ **There is not an “Iran Linked Business” that exists** within the bidder and/or owner, officers, directors and employees.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for

\_\_\_\_\_ County, on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

\_\_\_\_\_  
(Notary Public Signature)

**SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

**APPENDIX F – BUILDING MAPS**

Junior High

Area  
S1  
Technology  
IDF

C20  
IDF

C25  
IDF

MDF

Bus Garage  
+  
Maintenance  
Building

Boys Locker Room

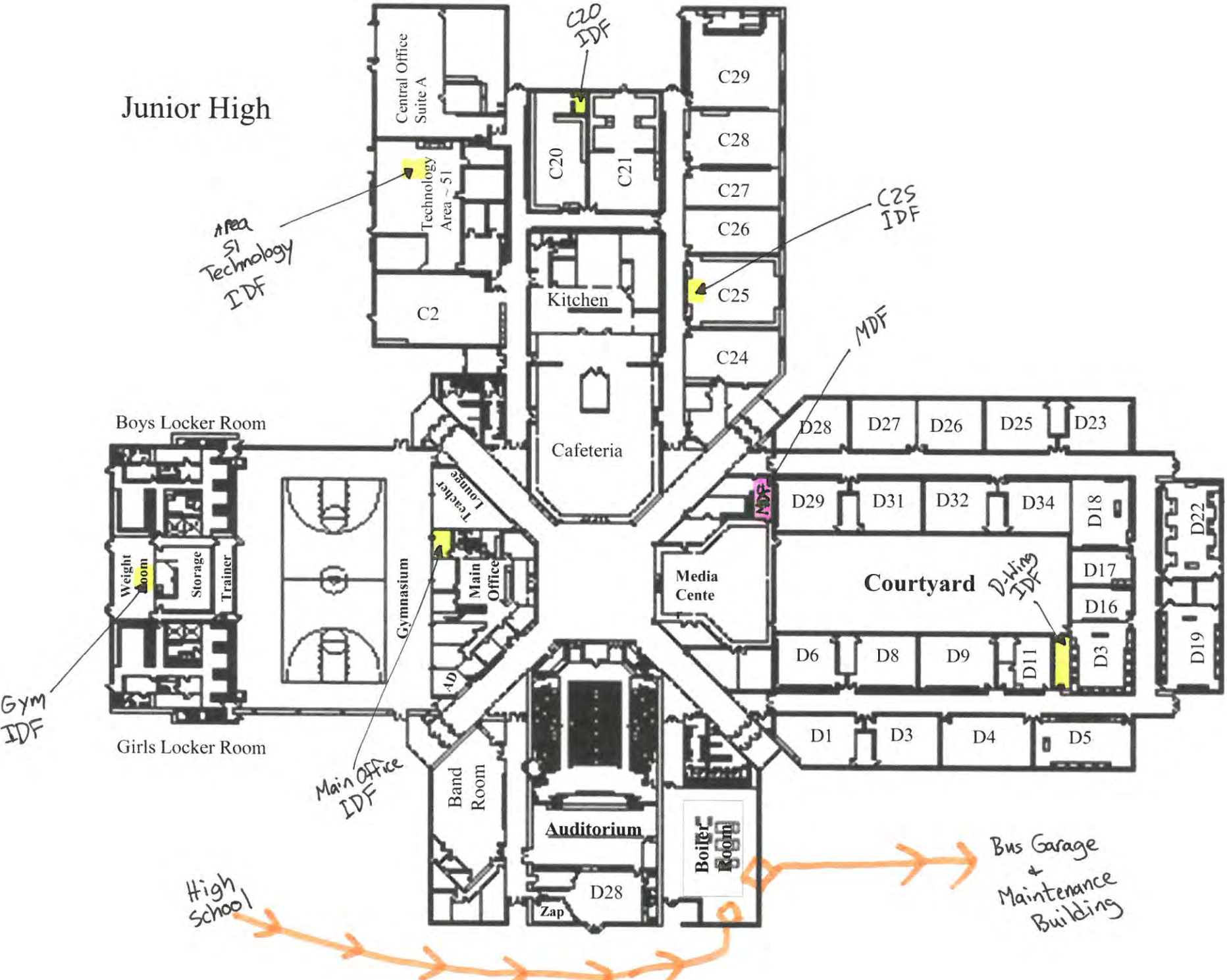
Girls Locker Room

Gym  
IDF

Gymnasium

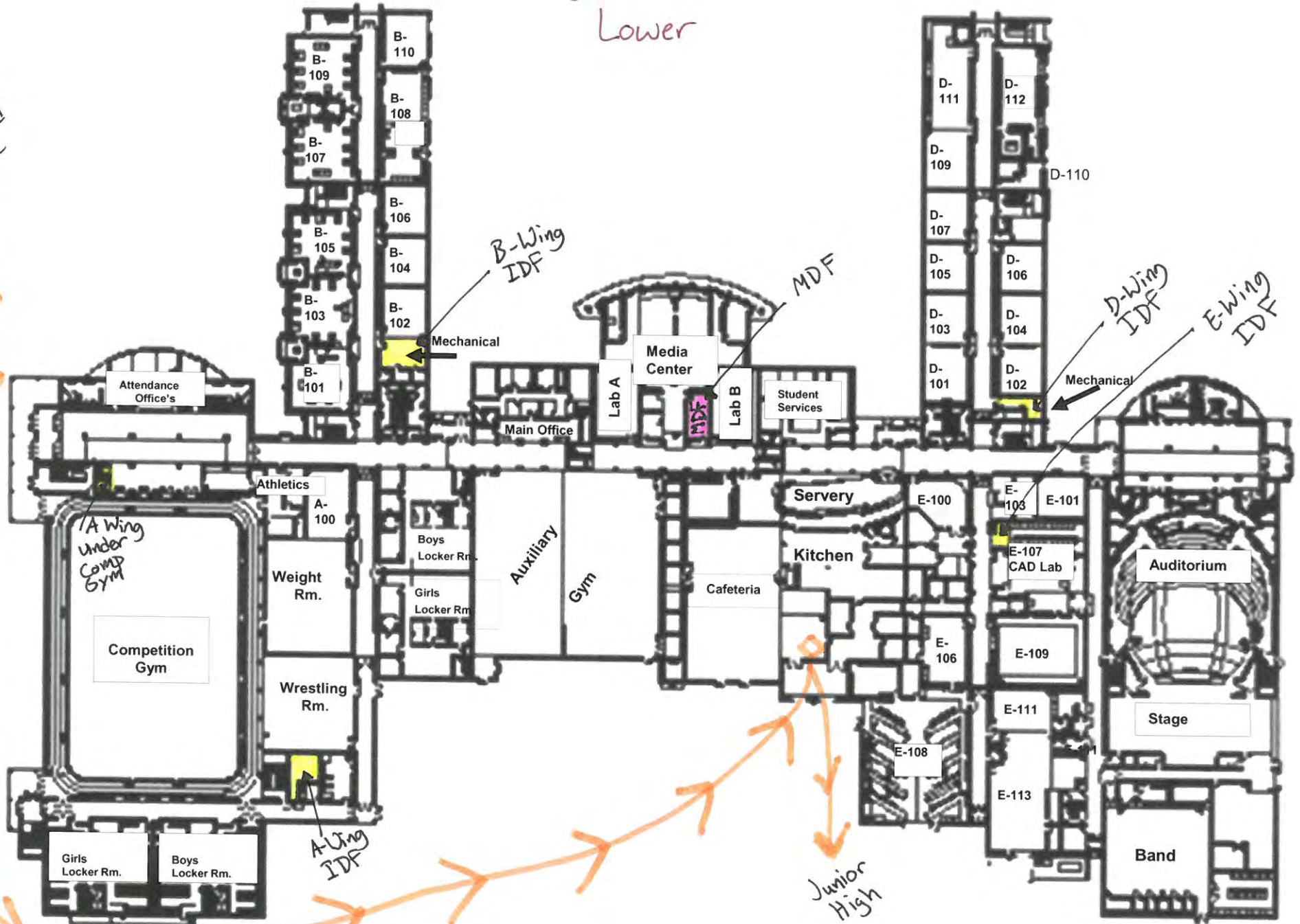
Main Office  
IDF

High  
School



# High School Lower

Grand Ave

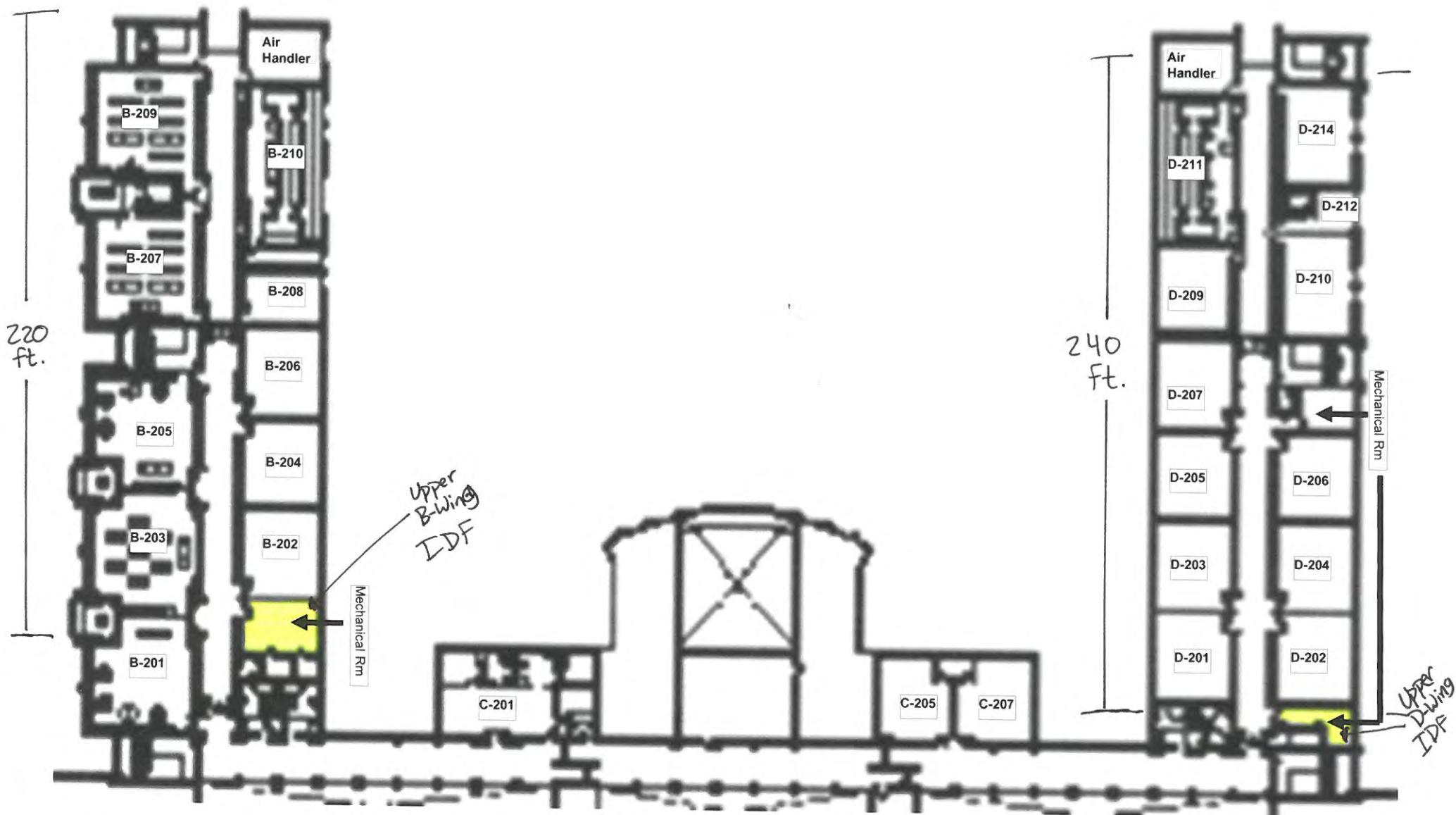


Junior High



# High School

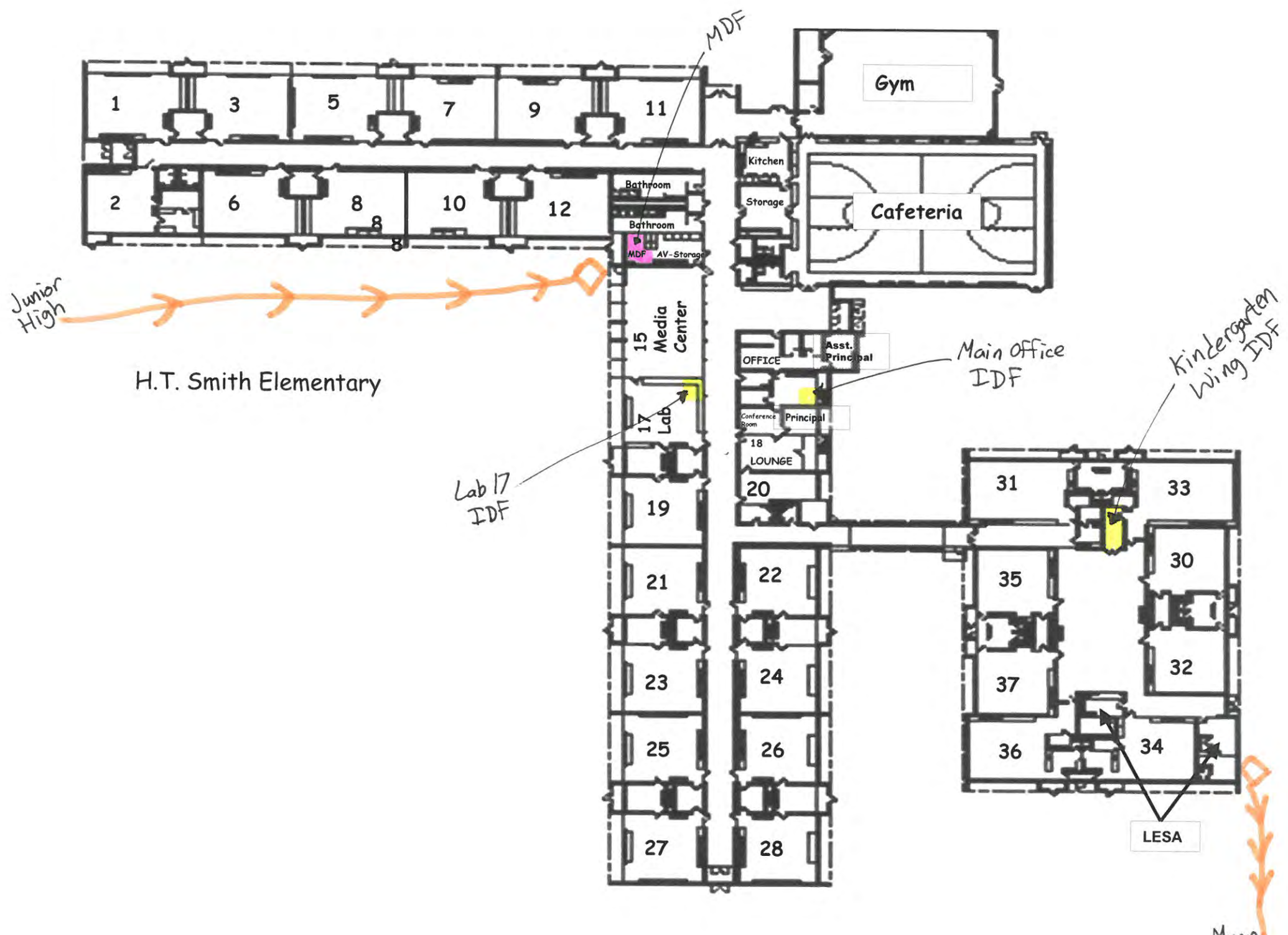
## Upper





# Kreeger Elementary





Junior High

H.T. Smith Elementary

Lab 17  
IDF

MDF

Main Office  
IDF

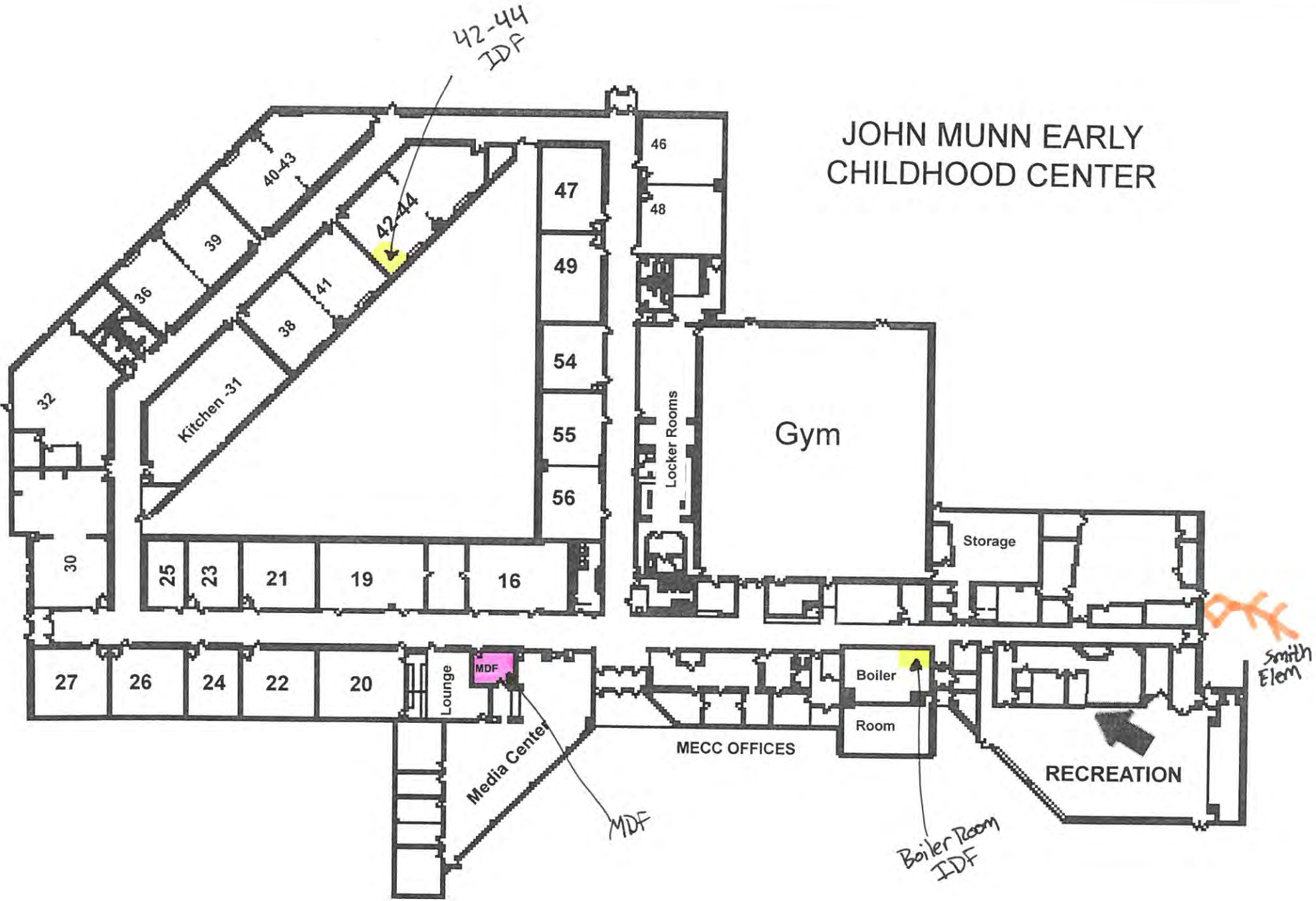
Kindergarten  
Wing IDF

LESA

Munn



JOHN MUNN EARLY  
CHILDHOOD CENTER



# **Fowlerville Community Schools**

7677 Sharpe Rd  
Fowlerville, MI 48836

## **Request for Proposals Structured Cabling**

**Request For Proposal Year: 2018/19  
FY2018 E-Rate FORM 470 – 180017346**

---

**School District Contact:**

Grace Damerow, Director of Technology  
Technology Department  
Phone: 517.223.6021  
E-mail: [damerowg@fowlervilleschools.org](mailto:damerowg@fowlervilleschools.org)

---

**Prepared by:**

Triple R Consultants  
P.O. Box 302  
South Lyon, MI 48178  
Phone: 810.923.9290  
E-mail: [bob@triple-r.us](mailto:bob@triple-r.us)

---

## **Contents**

|                                                        |    |
|--------------------------------------------------------|----|
| REQUEST FOR PROPOSALS – STRUCTURED CABLING.....        | 3  |
| 1.0.0 INVITATION TO BID .....                          | 3  |
| 2.0.0 BIDDER INSTRUCTIONS.....                         | 3  |
| 3.0.0 GENERAL CONDITIONS .....                         | 5  |
| 4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS .....    | 8  |
| 5.0.0 SCOPE OF WORK.....                               | 9  |
| 6.0.0 TIMELINE REQUIREMENTS.....                       | 12 |
| 7.0.0 AWARDED CONTRACT REQUIREMENTS.....               | 13 |
| PRODUCTS AND SERVICES SPECIFICATIONS.....              | 18 |
| 8.0.0 STRUCTURED CABLING SPECIFICATIONS .....          | 18 |
| 9.0.0 HORIZONTAL DISTRIBUTION SUBSYSTEM .....          | 19 |
| 10.0.0 HORIZONTAL DISTRIBUTION CABLE INSTALLATION..... | 21 |
| 11.0.0 SYSTEM DOCUMENTATION .....                      | 24 |
| APPENDIX A – INTENT TO BID FORM .....                  | 26 |
| APPENDIX B – BID SIGNATURE PAGE .....                  | 27 |
| APPENDIX C – BILL OF MATERIALS .....                   | 28 |
| APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT .....       | 29 |
| APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT .....      | 30 |
| APPENDIX F – PREVAILING WAGE.....                      | 31 |
| APPENDIX G – BUILDING MAPS.....                        | 32 |

## REQUEST FOR PROPOSALS – STRUCTURED CABLING

### 1.0.0 **INVITATION TO BID**

#### 1.1.0 **BID ACCEPTANCE**

**Fowlerville Community Schools**, hereby known as “District”, will accept sealed responses (“Bids”) to this Request for Proposals (RFP) for Structured Cabling projects which comply with the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications set forth below and submitted to the District at the following address:

**Fowlerville Community Schools  
Central Office – Attention: Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

#### 1.2.0 **INTENT TO BID FORM**

All Bidders must complete and submit the Intent to Bid Form, Appendix A, no later than February 21, 2018. The Bidder shall be responsible for the timely delivery of the Intent to Bid Form. The Bidder shall make no additional stipulations on the Intent to Bid Form or qualify their Bid in any other manner.

#### 1.3.0 **FACILITIES/BUILDING WALKTHROUGH**

**All Bidders are required to attend a walkthrough meeting at the facilities and buildings where the Structured Cabling will be installed.** The walkthrough meeting will begin promptly at the time specified whereby any/or all questions regarding the Network Electronics project will be answered by the District. The walkthrough meeting is scheduled for **12:00P.M. on February 21, 2018 at Fowlerville Junior High School, 7677 Sharpe Road, Fowlerville, MI 48836.**

### 2.0.0 **BIDDER INSTRUCTIONS**

#### 2.1.0 **BID OPENING**

All Bid responses to this RFP must be in triplicate in a sealed opaque envelope labeled as follows: ***Structured Cabling - FY2018 USF Bid and 1:40 P.M., March 6, 2018. The bidder must also include an electronic copy of all bid materials on a flash drive as well as the paper copies.***

**2.1.1** No oral, telephonic, telegraphic, e-mail or facsimile Bids will be considered.

**2.1.2** ***No Bids will be considered after 1:00 P.M., March 6, 2018.***

**2.1.3** The Bidder shall be responsible for the timely delivery of the Bid; the District shall not be liable to any Bidder for any delivery or postal delays and postmarking to the bid opening date will not substitute for receipt of the Bid

**2.1.4** All timely submitted Bids received by the District will be opened at the **Central Office, 7677 Sharpe Rd., Fowlerville, Michigan 48836**, at **1:40 P.M., March 6, 2018** for recommendation to the Board of Education at a future regularly scheduled meeting.

**2.1.5** If the District is closed due to unforeseen circumstances on the bid opening date, Bids will be due on the next day that the District is open.

#### 2.2.0 **BID BONDS**

The Bidder shall submit a five percent (5%) Bid Bond, of the total base Bid price, made payable to Fowlerville Community Schools, with the sealed Bid. Any Bids received without a Bid Bond will be rejected by the District.

#### 2.3.0 **CLARIFICATIONS AND CORRECTIONS**

Direct any and all questions regarding this RFP by email to: **Grace Damerow, Fowlerville Community Schools**, at: **damerowg@fowlervilleschools.org**. The resulting answers, along with the questions shall, be forwarded to all Bidders who have properly submitted the Intent to Bid Form, and posted on the District’s website at:

## **2.4.0 GENERAL REQUIREMENTS**

- 2.4.1** The District or its representatives shall not be held responsible for expenses incurred in the preparation or subsequent presentation of the Bid response.
- 2.4.2** This RFP for Structured Cabling is not an offer to enter into a contract, but rather a solicitation for Bids.
- 2.4.3** The Bidder shall supply, upon request, samples and/or brochures of the proposed materials and equipment with the Bid.
- 2.4.4** The District shall provide, upon request and at the Bidders' expense, blueprints and/or drawings associated with this project.
- 2.4.5** The District reserves the right to reject Bids submitted without a five percent (5%) Bid Bond, signed Bid Signature Page, Bill of Materials, Familial Disclosure Affidavit, Iran Linked Business Affidavit, and list of four (4) references.

## **2.5.0 BID IDENTIFICATION REQUIREMENTS**

The Bid shall include the full legal name of the Bidder, its business address, telephone number, and a statement identifying the Bidder as a sole proprietorship, partnership, corporation, or other legal entity. A proprietorship shall state the full name of the proprietor, a partnership shall state the full names of the general partners, and a corporation shall identify the state in which it is incorporated. Each copy of the Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract.

- 2.5.1** The Bidder shall complete and submit, along with the Bid, a Bid Signature Page, Appendix B, in long hand, in ink, by an authorized representative.
- 2.5.2** The Bidder shall complete and submit, along with the Bid, a Bill of Materials, Appendix C, summarizing the details of the Bid.
- 2.5.3** The submitted Bid shall include a Familial Disclosure Affidavit form, Appendix D, which is properly completed, signed by an authorized representative of the Bidder and notarized with an affixed, raised notary seal.
- 2.5.4** The submitted Bid shall include a list of at least four (4) references, one (1) of which must be a school or school district, for similar work performed within the past three (3) years.
- 2.5.5** The Bid shall be accompanied by a sworn and notarized affidavit that represents and warrants that the bidder, including its officers, directors and employees, is not an "Iran Linked Business" within the meaning of the applicable Michigan Public Act No. 517 of 2012, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an "Iran Linked Business" at any time during the course of performing under the contract. The Board of Education will not accept a Bid that does not include the sworn and notarized Iran Linked Affidavit, Appendix E. Bids in non-compliance with this request are subject to rejection.

## **2.6.0 BLUEPRINTS AND DRAWINGS**

Blueprints and/or drawings of the facilities will be made available to the Bidder by the District in the following manner:

- 2.6.1** The District shall provide drawings associated with this project as part of this RFP. (Appendix G)

## **2.7.0 DEFINITIONS**

The foregoing definitions are made available for the purpose of this Request for Proposals (RFP) only.

- 2.7.1 District** – Fowlerville Community Schools
- 2.7.2 Bidder(s)** – Business Entities and/or Person(s) submitting the Bid.
- 2.7.3 Bid(s)** – A complete and properly executed proposal to perform the Scope of Work, or designated portion thereof, for the sums stated within the Bid.
- 2.7.4 Base Bid** – The sum stated in the Bid for which the Bidder offers to perform the Scope of Work wherein work may be added or subtracted for sums stated in the Alternate Bid, if any.

- 2.7.5 Alternate Bid** – An amount stated in the Bid to be added or subtracted from the amount of the Base Bid, if said change in the Scope of Work, method of construction and/or materials is accepted by the District.
- 2.7.6 Selected Vendor/Contractor** – The Bidder(s) receiving formal notice of acceptance of his/her Bid(s) and has been duly served by an officer *or* agent of the District duly authorized to give such notice.

### **3.0.0 GENERAL CONDITIONS**

#### **3.1.0 RIGHTS OF ACCEPTANCE OR REJECTION**

The District's Board of Education reserves the unconditional right to reject any and all Bids in whole, or in part, and accept any Bid or portion of the Bid that, in their opinion, best serves the interests of the District.

#### **3.2.0 QUALIFICATION OF BIDDERS**

For the purpose of assuring the District of the quality of workmanship, materials, products and/or services, the Board of Education will retain the right and has complete discretion to qualify or disqualify any Bidders on the basis of available information concerning the Bidder's ability to perform as needed and the suitability of the products and/or services included in the Bid as described in sections 3.4.0 and 3.5.0. **Each Bidder, by submitting a Bid, represents that:**

- 3.2.1** The Bidder has read and understands all the Bid requirements, conditions and specifications contained herein.
- 3.2.2** The Bidder has the option to visit the District work site and familiarized themselves with the local conditions under which the work is to be performed during the scheduled building walk through.
- 3.2.3** The Bid is based upon the materials, systems and equipment described, without exception, in all Bid documents supplied by the District.

#### **3.3.0 VARIANCE AND PRICE**

Any variance from the specifications in section 8.0.0 of this RFP must be fully explained in writing by the Bidder. All prices quoted in the Bid must be on a unit price basis and include the total price. The price of an item or unit of a given product as promised in a Bid cannot be changed by the service provider regardless of whether the District changes the quantity of the item or unit needed.

#### **3.4.0 MANUFACTURER(S) BRANDS/MODEL NUMBERS**

The naming of a manufacturer(s), brand or model number will not be considered as excluding other brands or model numbers for purposes of later providing the products as promised in the Bid. Specifically, similar products with comparable construction, material and workmanship will be considered as equal. Notwithstanding, the Board of Education of the District has complete discretion to evaluate the merits of all Bids submitted and can take into consideration the brand and/or model numbers set forth in the Bids.

#### **3.5.0 MANUFACTURER(S) SUBSTITUTIONS**

Any substitution from the specified products and/or services by the manufacturer(s) is acceptable if at no additional cost to the District and approved by an authorized district representative prior to placing the order for said products and/or services. The District reserves the right to refuse any and all manufacturer(s) substituted products and/or services.

#### **3.6.0 MANUFACTURER(S) DISCOUNTS**

The District reserves the right to receive any and all manufacturer(s) price reductions, discounts or rebates that are received by the selected vendor/contractor for the specified products and/or services. The selected vendor/contractor agrees to pass any and all cost savings from the manufacturer(s) for the specified products and/or services to the District by way of a setoff of monies owed or refund of monies paid by the District.

#### **3.7.0 CLEAN-UP**

The selected vendor/contractor must, at all times, keep the premises free from accumulations of waste materials, caused by the work; and upon completing the work, must remove all work related rubbish from and about the building(s) and must leave the work area broom clean, or its equivalent. In the case of a dispute, the District may remove the rubbish and charge the cost to the selected vendor/contractor.



### **3.8.0 ROYALTIES AND PATENTS**

The selected vendor/contractor must pay for all royalties, copyright, trademark and patents and must defend all suits for claims or infringements on copyrights, trademarks and/or patent rights and shall indemnify and hold the District harmless from any and all claims and/or loss related to claims and/or infringements on copyrights, trademarks and/or patent rights, including reasonable attorney fees and costs incurred by the District.

### **3.9.0 ADDENDA**

Any clarifications or modifications to the specifications for the RFP will be issued by the District in the form of an addendum. Any addendum issued during the bidding time will become part of the specifications and a copy will be sent to all Bidders as set forth in section 2.3.0.

**3.9.1** No verbal statements by the District will be considered as binding or enforceable against the District.

**3.9.2** No requests for clarifications or modifications will be processed within four (4) days immediately prior to the Bid opening date.

### **3.10.0 FEDERAL, STATE AND LOCAL TAXES**

All products and/or services furnished by the selected vendor/contractor must comply with all applicable federal, state and local codes, and regulations. All Bids must include, and the selected vendor/contractor must pay, all taxes levied by the Federal, State, and Local Governments, on both labor and materials. The District reserves the right to require evidence of such tax payments prior to final payment of the contract. The District is exempt from Federal Excise and State Sales Taxes. To comply with these regulations, sales tax is not to be included in the Bid.

### **3.11.0 PROJECT IMPLEMENTATION**

The selected vendor/contractor shall have sufficient resources in order to complete the project within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the Timeline Requirements in section 6.0.0 of this RFP.

### **3.12.0 NO DISCRIMINATION**

The selected vendor/contractor and their subcontractors are required not to discriminate against any employee or applicant for employment, to be employed in the performance of the Bid, with respect to hire, tenure, terms, conditions or privileges of employment, because of race, color, religion, national origin, or ancestry or also because of age or sex, except based on a legitimate occupational qualification. Violation of this requirement may be regarded as a material breach of the Michigan Fair Employment Practices Act and may be subject to prosecution.

### **3.13.0 NO SMOKING POLICY**

The District adheres to a mandatory no smoking policy on school premises and/or at school functions. All Bidders shall comply with this no smoking policy.

### **3.14.0 PRODUCTS AND SERVICES SPECIFICATIONS**

It is the intent of the specifications in section 8.0.0 of this RFP to define the minimum acceptable quality of products and/or services. The product line must be of known quality from a nationally recognized manufacturer(s) who regularly advertises, promotes and distributes products and services to the school market.

### **3.15.0 VARIATIONS FROM SPECIFICATIONS**

All variations from the specified products and/or services, section 8.0.0, must be fully explained and included with the Bid. Manufacturer(s) Brands must be used in all cases.

**3.15.1** The District reserves the right to increase or decrease quantities, or modify the specifications.

**3.15.2** The selected vendor/contractor shall agree to a written modification of the terms of its original Bid within five (5) business days of receiving written notification of the increase or decrease in quantities, or modification of the specifications.

### **3.16.0 PARTIAL BIDS**

Partial Bids will be considered, where appropriate.

### **3.17.0 CANCELLATIONS**

The District reserves the right of cancellation for non-performance of the terms specified in the awarded contract.

**3.18.0 WITHDRAWAL OF BIDS**

Upon presentation of proper identification, any Bidder may withdraw his/her Bid at any time prior to the scheduled Bid Opening date and time, section 2.1.0. No Bid shall be withdrawn for a period of ninety (90) days after the Bid Opening date and time.

**3.19.0 BID EVALUATIONS**

Considerations for awarding contracts will include price, product quality, service, delivery, and maintenance of products and/or services, adherence to specifications, past performance to the District, vendor/contractor reliability, warranties and familiarity with the projects and the facilities of the District.

**3.19.1** It is the intent of the District to award the contract to the Bidder submitting the “best” cost effective Bid for the project; provided the Bid has been properly submitted and delivered, including all required documentation herewith, and considered reasonable in price.

**3.19.2** Price being the primary factor, consideration, other than price alone, shall be used in determining the most successful Bid; technical experience, local service and support, and experience in educational environments are used to perform the District’s Bid evaluations.

**3.19.3** The Board of Education of the District will evaluate the merits of all Bids submitted and reserves the unconditional right to accept or reject any or all Bids.

**3.20.0 NOTICE OF AWARD**

The Bidder will be deemed as having been awarded when the formal notice of acceptance of his/her Bid has been duly served upon the intended awardees by an officer, or agent, of the District duly authorized to give such notice.

#### **4.0.0 UNIVERSAL SERVICE FUND (USF) CONDITIONS**

##### **4.1.0 IDENTIFICATION NUMBER**

The service provider's USF Service Provider Identification Number (SPIN) *must* be included in the Bid. Direct all questions regarding the USF requirements in this RFP to the Universal Service Administrative Company (USAC), Schools and Library Division (SLD) at (888) 203-8100.

##### **4.2.0 FY2018 FUNDING REQUESTS**

The specified products and/or services are to be provided for FY2018 (July 1, 2018-June 30, 2019) and must qualify for universal service discounts under the FY2018 universal service support mechanism, E-Rate. The *E-rate Modernization Order* permits applicants to seek support for Category 2 eligible non-recurring services purchased on or after April 1, three months prior to the start of the funding year on July 1. No invoices to USAC/SLD will be DATED or PAID before July 1, 2018.

##### **4.3.0 UNIVERSAL SERVICE DISCOUNTS**

The service provider contract is conditional upon the District receiving universal service discounts under the FY2018 universal service support mechanism, E-Rate. The District reserves the unrestricted right to reduce the contract amount by reducing the amount of services and/or products in order to meet budget requirements in the event the level of the universal service discounts is reduced. Any such reductions to the contract amount will be taken prior to the start of the specific work being reduced or eliminated on a given building and/or project.

##### **4.4.0 UNIVERSAL SERVICE DISCOUNT IMPLEMENTATION**

The District reserves the unrestricted right to specify the filing option for the universal service discounts for each product and/or service offered within a Bid: Billed Entity Applicant Reimbursement (BEAR) *or* Service Provider Invoice (SPI).

##### **4.5.0 ELIGIBLE PRODUCTS AND SERVICES**

The USF eligible products and/or services identified on the USAC FY2018 Eligible Services List, which is incorporated herein by reference, must be identified separately from any and all "ineligible" products and/or services in the Bid.

##### **4.6.0 PROJECT FUNDING REQUIREMENTS**

This project is entirely conditional upon receiving written notification in the form of a Funding Commitment Decision Letter from the USAC/SLD that the District has been approved for E-Rate Funding. If the District receives less than the full E-Rate Funding for which it applies, the District has the unrestricted right to reduce the number of units and services in the accepted Bid. In the event that E-Rate Funding is not available for the accepted Bid, District, in its discretion, may cancel and/or modify the Scope of Work (SOW) and subsequent purchases requested in this RFP.

##### **4.7.0 LOWEST CORRESPONDING PRICE**

Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to non-residential customers who are similarly situated to a particular E-rate applicant for similar services. Service Providers cannot charge E-rate applicants a price above the Lowest Corresponding Price (LCP) and must actually charge the rate that is the LCP, not just offer the LCP in the Bid. In addition, promotional rates offered by a Service Provider for a period of more than 90 days must be included among the comparable rates upon which the LCP is determined.

## 5.0.0 **SCOPE OF WORK**

### 5.1.0 **GENERAL DESCRIPTION**

The general description of the Scope of Work (SOW) for this project is to provide the District with Structured Cabling at seven (7) buildings. In addition to the forgoing SOW, all Bids must comply with all sections of this RFP and the Products and Services Specifications set forth in sections 8.0.0 through 11.0.0.

### 5.2.0 **FACILITIES/LOCATIONS**

| <b>Building Name</b>               | <b>Address</b>      | <b>City</b> | <b>State</b> | <b>Zip</b> |
|------------------------------------|---------------------|-------------|--------------|------------|
| John S Munn Early Childhood Center | 450 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Fowlerville High School            | 700 N. Grand Ave.   | Fowlerville | MI           | 48836      |
| Fowlerville Junior High School     | 7677 Sharpe Road    | Fowlerville | MI           | 48836      |
| H.T. Smith Elementary School       | 440 N. Hibbard St   | Fowlerville | MI           | 48836      |
| Max Bessert Trans. Complex         | 7611 Sharpe Rd      | Fowlerville | MI           | 48836      |
| Maintenance Building               | 7577 West Sharpe Rd | Fowlerville | MI           | 48836      |
| Natalie Kreeger Elementary School  | 430 N. Hibbard St.  | Fowlerville | MI           | 48836      |

### 5.3.0 **VENDOR/CONTRACTOR RESPONSIBILITY**

It shall be the responsibility of the selected vendor/contractor to provide the configuration and system quantities to all locations stated herein. The intentional or accidental omission of necessary component(s) or system(s) shall require the selected vendor/contractor to supply said missing component(s) or system(s) at no cost to the District. The District and any Consultants associated with this RFP are not responsible for any omission, failure to detect any requirement, or any other condition required to complete the Scope of Work. **The awarded Bidder shall:**

- 5.3.1. Meet jointly with representatives of the District to exchange information and agree on details of equipment arrangements and installation interfaces for a structured cabling project.
- 5.3.2. Have sufficient resources in order to complete the SOW within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to complete the SOW within the specified timeframe.
- 5.3.3. Furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the structured cabling system installed at the District.
- 5.3.4. Furnish, install, and terminate data jacks at each location according to the Product and Services Specifications and as shown on the supplied existing blueprints/drawings.
- 5.3.5. Abate any existing cable in each building, where applicable, and will properly dispose of such cable at the Bidder's expense.
- 5.3.6. Install all cable in accordance with the Product and Services Specifications and/or manufacturer's recommendations and best industry practices.
- 5.3.7. Develop and submit for approval a labeling system for the cable installation. At a minimum, the labeling system shall clearly identify all components of the system; racks, cables, panels, and outlets.
- 5.3.8. Test (100%) all cables and termination hardware for defects in installation and to verify cable performance under installed conditions.
- 5.3.9. Install a fire stop system in accordance with the specifications and/or manufacturer's recommendations which shall be completely installed and available for inspection by the local inspection authorities prior to cabling system acceptance.
- 5.3.10. Provide installation, administration, testing, and "As-Built" documentation required from and/or maintained by the selected vendor/contractor during the course of the entire cabling installation project.
- 5.3.11. Provide a written guarantee/warranty covering the installed cabling system against defects in workmanship, components, and performance, and follow-on support after project completion for a period of three (3) years.

**5.4.0 DATA/FIBER DROP QUANTITIES**

All data and fiber drops will be placed in a 2300 metal raceway or may use existing conduit, where appropriate.

**5.4.1. Option 1**

| <b>Building</b>                    | <b>TYPE</b> | <b>QUANTITY</b> |
|------------------------------------|-------------|-----------------|
| Fowlerville High School            | Category 6e | 716             |
|                                    | SM Fiber    | 48              |
| Fowlerville Junior High School     | Category 6e | 300             |
|                                    | SM Fiber    | 27              |
| H.T. Smith Elementary School       | Category 6e | 151             |
|                                    | SM Fiber    | 3               |
| Natalie Kreeger Elementary School  | Category 6e | 223             |
|                                    | SM Fiber    | 2               |
| Max Bessert Trans. Complex         | Category 6e | 13              |
| Maintenance Building               | Category 6e | 6               |
| John S Munn Early Childhood Center | Category 6e | 126             |
|                                    | SM Fiber    | 2               |
| Football Concessions               | Category 6e | 9               |
| Total Category 6e Data Runs        |             | 1541            |
| Total Single Mode Fiber Runs       |             | 82              |

**5.4.1. Option 2**

| <b>Building</b>                    | <b>TYPE</b> | <b>QUANTITY</b> |
|------------------------------------|-------------|-----------------|
| Fowlerville High School            | Category 6e | 716             |
|                                    | SM Fiber    | 9               |
| Fowlerville Junior High School     | Category 6e | 300             |
|                                    | SM Fiber    | 27              |
| H.T. Smith Elementary School       | Category 6e | 151             |
|                                    | SM Fiber    | 3               |
| Natalie Kreeger Elementary School  | Category 6e | 223             |
|                                    | SM Fiber    | 2               |
| Max Bessert Trans. Complex         | Category 6e | 13              |
| Maintenance Building               | Category 6e | 6               |
| John S Munn Early Childhood Center | Category 6e | 126             |
|                                    | SM Fiber    | 2               |
| Football Concessions               | Category 6e | 9               |
| Total Category 6e Data Runs        |             | 1541            |
| Total Single Mode Fiber Runs       |             | 43              |

## **6.0.0 TIMELINE REQUIREMENTS**

### **6.1.0 PROJECT TIMELINE**

The selected vendor/contractor shall have sufficient resources in order to complete the SOW, section 5.0.0, within the allotted timeframe and shall, upon request, demonstrate that they have the resources necessary to fulfill the timeline requirements for completing the entire project. The District is expecting the project to be completed in accordance with the following Project Timeline:

|                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| <b>RFP available on-line <i>or</i> for pickup .....</b>     | <b>February 6, 2018</b>  |
| <b>Walk Thru..... [12:00 p.m.] .....</b>                    | <b>February 21, 2018</b> |
| <b>Sealed Bids Due .....</b>                                | <b>March 6, 2018</b>     |
| <b>Sealed Bids Opened .....</b>                             | <b>March 6, 2018</b>     |
| <b>Board Approval .....</b>                                 | <b>March 13, 2018</b>    |
| <b>Sign Contracts/approve Implementation Schedule .....</b> | <b>March 16, 2018</b>    |
| <b>Installation Begins .....</b>                            | <b>July 1, 2018</b>      |
| <b>Installation Complete .....</b>                          | <b>August 15, 2018</b>   |

### **6.2.0 SCOPE OF WORK SCHEDULES**

If and when the school buildings specified in the SOW are occupied with students and school is in session, the selected vendor/contractor is expected to perform the project after school hours and without any additional costs to the District. Areas of the school buildings that are otherwise unoccupied with students and whereby instruction is not disturbed, the selected vendor/contractor may perform the SOW with prior written authorization from the District.

### **6.3.0 PROJECT IMPLEMENTATION SCHEDULES**

All Bidders shall provide the District with a project implementation schedule that adheres to the timeline requirements stated above, section 6.1.0. Further, the project implementation schedule must demonstrate that the selected vendor/contractor has the means and capability to complete the SOW without disruption to school building instruction, activities and meetings. This said project implementation schedule must be agreed upon by both the vendor/contractor and the District and shall be incorporated as part of the awarded contract.

## **7.0.0 AWARDED CONTRACT REQUIREMENTS**

### **7.1.0 CONTRACT EXECUTION**

The Bidder shall render, deliver and execute the awarded contract within ten (10) days of being notified that the Bid is accepted and that the selected vendor/contractor is awarded a contract to perform the SOW in accordance with all terms and conditions contained herein. The awarded contract must be SIGNED and DATED by both the District and the awarded vendor/contractor prior to start of any work and in compliance with, section 4.6.0.

### **7.2.0 SEPARATE CONTRACTS**

The District reserves the unrestricted right to award different portions of the project, as broken out in the Bill of Materials, Appendix C, to separate vendors/contractors as separate contracts. Said separate contracts shall be based on the District's evaluation and interpretation of the "most cost effective" means for the District to complete the SOW for this project.

### **7.3.0 CHANGES TO SCOPE OF WORK**

The District, without invalidating the Contract, may order changes within the SOW consisting of additions, deletions, and/or modifications, the Contract Sum and the Contract Time being adjusted accordingly. All said changes in the SOW shall be authorized by written "Change Order(s)", signed by the District, and will be executed under applicable condition of contract documents.

**7.3.1** The Contract Sum and The Contract Time may be changed only in writing.

**7.3.2** The cost or credit to the District from all "Change Order(s)" shall be determined by mutual, written, agreement.

**7.3.3** The District will not pay invoices for work performed by verbal authorization.

### **7.4.0 PERFORMANCE BOND REQUIREMENTS**

The Bidder shall furnish a Performance Bond covering the faithful performance of the awarded contract and a labor and material payment Bond in the TOTAL amount of the Bid in such form and with such sureties as the District shall approve, which such approval will not be unreasonably withheld. If the selected vendor/contractor defaults, neglects or fails to perform any provisions of the awarded contract, the District may, at its discretion, and after seven (7) days written notice to the selected vendor/contractor, notify the bonding company that the selected vendor/contractor is in default.

**7.4.1** The selected vendor/contractor shall provide, and present with the sealed Bid, a bid bond or cashier's check in the amount equaling five percent (5%) of the Bid total.

**7.4.2** The selected vendor/contractor shall provide, and maintain in force, a bond with surety, and on forms approved by the District in the amount of one-hundred percent (100%) of the contract amount that the selected vendor/contractor shall promptly and faithfully perform all obligations under the awarded contract.

**7.4.3** The selected vendor/contractor shall provide and maintain, in force, a bond with Surety and on forms approved by the District that selected vendor/contractor shall make payment to all claimants for all labor and material used or reasonably required for use in the performance of the awarded contract.

**7.4.4** All selected vendor/contractor's bid bonds shall include such provisions as will guarantee the faithful performance of the prevailing State of Michigan hourly wage.

**7.4.5** Final Bid price may not exclude costs to secure or hold performance or bid bonds.

### **7.5.0 TERMINATION OF AWARDED CONTRACTS**

If the selected vendor/contractor defaults or neglects to carry out the SOW and sections referenced therein, in accordance with the awarded contract and/or fails to perform any provision of the awarded contract, the District may, after seven (7) days' written notice to the selected vendor/contractor and without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment then or thereafter due the selected vendor/contractor or, at its option, may terminate the awarded contract and take possession of the site and of all materials, equipment, tools, and construction equipment and machinery thereon owned by the selected vendor/contractor and may finish the project by whatever method it may deem expedient. If such expense exceeds such awarded contract price, the selected vendor/contractor shall pay the difference to the District.



#### 7.6.0 EMPLOYMENT PRACTICES

The selected vendor/contractor, by signing a contract, agrees to comply with the provision of the State of Michigan policy regarding "Non-Discrimination of Employment", section 3.12.0.

**The selected vendor/contractor shall also:**

- 7.6.1 Pay prevailing wage to all employees on this project.
- 7.6.2 Provide all selected vendor/contractor employees with picture ID.
- 7.6.3 Upon arrival and departure, have all employees sign in and out at the main office for each school building location.
- 7.6.4 Supply the District, by email, weekly work schedules no later than the Wednesday of the preceding week. Failure to do so may result in the schedule being rejected by the District.

#### 7.7.0 SELECTED VENDOR/CONTRACTOR PERFORMANCE

The selected vendor/contractor will be responsible for construction means, methods, techniques, sequences or procedures, and safety precautions and programs in connection with the SOW, section 5.0.0, and the Timeline Requirements, section 6.0.0. **The selected vendor/contractor shall also:**

- 7.7.1 Provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for proper execution and completion of the SOW.
- 7.7.2 At all times enforce strict discipline and good order among its employees and shall not employ any unfit person or anyone not skilled in the tasks assigned to them.
- 7.7.3 Give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority bearing on the performance of the work performed.
- 7.7.4 Be responsible for the acts and omissions of all his employees and all Subcontractors, if any, their agents and employees and all other persons performing any of the work under a contract with the selected vendor/contractor.

#### 7.8.0 SUBCONTRACTOR PERFORMANCE

A Subcontractor is a person, firm, company or corporation who has a contract with the Bidder to perform any work for completing the project. The awarded Bidder shall be responsible for the actions, inactions, and work performed by the subcontractor. Contracts between the Bidder and the subcontractor shall be in accordance with the terms of the awarded contract by the District to complete the SOW, section 5.0.0. The selected Bidder shall furnish to the District, in writing, a list of any/all subcontractors proposed to perform any part or portion of the SOW to complete the project. The selected Bidder shall not employ any subcontractor to whom the District objects and may withdraw their Bid or submit an acceptable substitute.

#### 7.9.0 SUPPLEMENTAL INFORMATION REQUESTS

The Bidder shall be prepared to provide the District, within ten (10) days of being notified of the awarded contract, the names of the suppliers for the equipment and materials used to complete the work. **The District may request any and all Bidders to also submit, within ten (10) days of being notified, the following:**

- 7.9.1 The Bidder's performance record(s).
- 7.9.2 An itemized list of the Bidder's equipment, plant and personnel.
- 7.9.3 The Bidder's financial statement(s).
- 7.9.4 A description of any project, which the Bidder has completed in a satisfactory manner.
- 7.9.5 Any additional information that will satisfy the District that the Bidder is adequately situated and able to fulfill the terms of the proposed contract.
- 7.9.6 A description of any other project(s) that will be performed simultaneously with the District's project(s).
- 7.9.7 A statement regarding any past, present or pending litigation for contracted products and services.

#### 7.10.0 INSPECTIONS

The District and its agents have the right to inspect the selected vendor/contractor's work periodically to determine that proper materials were used and that the progress and quality of work completed is in accordance with the contract.

- 7.10.1 Prior to the start of the projects, the selected vendor/contractor will have materials on site and available for inspection by the District's designated authorized representative.
- 7.10.2 All equipment used for the project must be in compliance with the specified part numbers contained in the successful Bid.
- 7.10.3 Prior to completion of the work, all ceiling tiles will be left open until the District has inspected the work. After said inspections, the selected vendor/contractor will replace all ceiling tiles.

#### 7.11.0 INVOICE/PAYMENT REQUIREMENTS

Invoicing for payment(s) will be made 100% upon completion of the SOW and acceptance by the District. All invoices must be in compliance with the USF E-Rate Conditions, section 4.6.0. No invoices will be DATED or PAID before July 1, 2018. **Payments will be paid NET 30 days AFTER:**

- 7.11.1 Acceptance by the District of "AS-BUILT" diagram(s) in **both** paper and electronic copy, preferably Microsoft Visio.
- 7.11.2 The selected vendor/contractor will submit proof of performance by submitting to the District, in both paper and electronic copy, cable certification testing results. Certification testing will be performed and documented using appropriate electronic tester(s) (i.e. Fluke) at a minimum of 250 MHz whereby each cable shall pass all Category 6 testing specifications.
- 7.11.3 When applying for payments, the selected vendor/contractor shall submit to the District an itemized invoice based upon the installation schedule and supporting documentation required herein.
- 7.11.4 The project shall be considered complete when the SOW has been completed, accepted by the District and the following items are furnished; a) required guarantees, b) waivers of lien submitted showing all payrolls, material bills and other indebtedness connected with the project have been paid. The selected vendor/contractor must submit both a) and b) before the final payment is requested.
- 7.11.5 Payment may be withheld by the District for; a) defective work not remedied, b) claims filed and unresolved, c) failure of the selected vendor/contractor to properly pay for labor, materials or equipment, or proper payment to Subcontractors, and/or d) damages to the District or another Contractor.

#### 7.12.0 GUARANTEES

The selected vendor(s)/contractor(s) must furnish the District a written guarantee of the services and/or products provided to the district for, at least, three (3) years after the final payment covering all workmanship and materials specified in the contract. Any defects in workmanship or materials for which a claim is submitted by the District within the three (3) year period must be corrected or replaced within thirty (30) days.

#### 7.13.0 WARRANTIES

The selected vendor/contractor(s) must furnish the District written warranty documentation. This warranty documentation shall include cable and connectivity components and have one (1) point of contact person for all cabling system issues, where applicable.

- 7.13.1 The selected vendor/contractor must warranty that all materials and supplies incorporated within the Bid, is new, unless otherwise specified, and that all work performed will be of good quality, free from faults and defects, and in adherence to the Product and Services Specifications in this RFP.
- 7.13.2 The warranty shall provide a complete system warranty to guarantee an end-to-end high performance cabling system that meets the system application requirements. The cabling system shall be warranted under this provision for three (3) years.
- 7.13.3 If the manufacturer repairs any product under the warranty, they may use new or reconditioned replacement parts. If the manufacturer replaces the product under the warranty, they may replace it with a new or reconditioned product of similar or same design.
- 7.13.4 Any such repairs or replacement by the manufacturer will be warranted for either a) ninety (90) days or b) the remainder of the original three (3) year warranty period, whichever is longer.

**7.14.0 CORRECTION OF WORK**

The selected vendor/contractor shall correct any work that fails to conform to the requirements of the awarded contract where such failures or any defects is due to faulty materials, equipment or workmanship which appear within a period of three (3) years from the date of completion of the contract *or* within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract. These provisions apply to all work performed by employees of the selected vendor/contractor and any Subcontractors.

**7.15.0 RIGHT TO REJECT OR STOP THE WORK**

The District may reject work which does not conform to the Bid or awarded contract specifications. If the selected vendor/contractor fails to correct any defective work or fails to supply labor, materials, or equipment in accordance with the specifications of the awarded contract, the District may order the selected vendor/contractor to stop all work, or any portion thereof, until the cause for such order has been eliminated.

**7.16.0 INDEMNIFICATION**

The selected vendor/contractor shall indemnify and hold harmless the District and its agents and employees from and against all claims, damages, losses and expenses including attorneys' fee arising out of or resulting from the performance of the project; provided that any such claim, damage, loss or expense is attributable to a) bodily injury, sickness, disease or death, or to injury to or destruction of tangible property including the loss of use resulting from and b) is caused in whole or in part by any act or omission of the selected vendor/contractor, and/or Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder. In any and all claims against the District or any of its agents or employees, by any employee of the selected vendor/contractor, and/or Subcontractor, anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitations on the amount or type of damages, compensation or benefits payable by or for the selected vendor/contractor and/or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

**7.17.0 FORCE MAJEURE**

Except for the District's obligation to pay the selected vendor/contractor, neither party shall be liable for any failure to perform its obligations under the awarded contract or any SOW if prevented from doing so by a cause or causes beyond its control, including without limitations, acts of God or public enemy, failure of suppliers to perform, fire, floods, storms, earthquakes, riots, strikes, war, and restraints of government.

**7.18.0 LIABILITY REQUIREMENTS**

The selected vendor/contractor shall be responsible for initiation, maintaining, and supervising all safety precautions and programs in connection with the project. The selected vendor/contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to 1) all employees on the project and other persons who may be affected thereby, 2) all the SOW and all materials and equipment to be incorporated therein, and 3) other property at the site or adjacent thereto.

**7.18.1** The selected vendor/contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss.

**7.18.2** All damage or loss to any property caused in whole or in part by the selected vendor/contractor, any Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the selected vendor/contractor, except damage or loss attributable to the fault or negligence of the District.

**7.19.0 INSURANCE REQUIREMENTS**

No work connected with this project may start until the selected vendor/contractor has submitted a Certificate of Insurance executed by the selected vendor/contractor's insurance carrier showing required insurance coverage **and Fowlerville Community Schools is named as additional insured on said policy**. An endorsement or statement waiving the right of cancellation or reduction in coverage, unless thirty (30) days prior written notice is given to the District by registered or certified mail, shall be included. **As a condition of performing work as a vendor/contractor, you must provide the District with satisfactory evidence of insurance coverage's as follows:**

**7.19.1** Workers Compensation and Employer's Liability Insurance covering your statutory obligations in the State of Michigan.

- 7.19.2** Automobile Liability Insurance with a limit of \$1,000,000 per accident covering your owned, non-owned and hired automobiles.
- 7.19.3** Commercial General Liability Insurance written on an OCCURRENCE policy form includes coverage's for your operations, personal injury, XCU (explosion, collapse and underground), independent Contractors, contractual and products-completed operations with limits of liability as follows:
- 7.19.3.1** If your policy is written on the 1986 ISO Simplified form, minimum limits are as follows:  
\$1,000,000 Occurrence  
\$2,000,000 General Aggregate  
\$2,000,000 Product-Completed Operations Aggregate
- If your policy's general aggregate is per job, then a \$1 million limit of liability is acceptable for the general aggregate and the products-completed operations aggregate.
- 7.19.3.2** If your policy is written on a form other than the 1986 ISO Simplified form, minimum limits are as follows:  
\$1,000,000 Occurrence (bodily injury & property damage combined)  
\$1,000,000 Aggregate (applicable to products-completed operations only)
- 7.19.3.3** Products-completed operations liability must be maintained for not less than one (1) year after acceptance of completion of your work.
- 7.19.4** Evidence of your insurance coverage's, required herein, is to be provided to the District on Accord Certificate form 25 or 25-S and must indicate the following:
- 7.19.4.1** That your Commercial General Liability insurance policy includes coverage's for items specified in 7.19.3 above.
- 7.19.4.2** A "Best" rating for each of your insurance carriers at B+ VII or better.
- 7.19.4.3** That the words "endeavor to" and "but failure to mail such notice shall impose no obligation or liability of any kind upon the company, its agents or representatives" do not apply or have been removed.
- 7.19.4.4** That Fowlerville Community Schools are additional insured on the General Liability policy certificate.
- 7.19.4.5** Any deviations in coverage provided by the Standard 1986 ISO Simplified General Liability policy form, and any deductible over \$1,000 applicable to any coverage.
- 7.19.4.6** General Liability and Auto Liability limits may be attained by individual policies or by a combination of underlying policies with umbrella and/or excess policies.
- 7.19.4.7** The District does not carry theft, glass breakage, or builders risk insurance. The selected vendor/contractor will make arrangements if these coverage's are desired. The selected vendor/contractor must provide an Installation Floater for the value of the contract to protect the District. The selected vendor/contractor must furnish to the District, a binder certifying each insurance policy required.

**7.20.0 MISCELLANEOUS CONTRACT PROVISIONS**

The awarded contract will be governed by the laws of the State of Michigan. The selected vendor/contractor shall not assign the contract or sublet it or portions thereof without the written consent of the authorized District representative.

## **PRODUCTS AND SERVICES SPECIFICATIONS**

### **8.0.0 STRUCTURED CABLING SPECIFICATIONS**

#### **8.1.0 INTRODUCTION**

These Product and Services Specifications provide the Bidder with the structured cabling requirements for all **Category 6** data/low voltage projects requested by the District in this RFP. The intent of the structured cabling specifications is to provide relevant information that allows the Bidder to bid the labor, supervision, tooling, materials, and miscellaneous mounting hardware and consumables to install a complete structured cabling system.

- 8.1.1** The selected vendor/contractor is responsible for proposing any and all items required for a complete structured cabling system even though it may not be identified in the specifications incorporated herein, drawings and/or Bill of Materials attached with the Bid.
- 8.1.2** The successful Bidder shall meet or exceed all requirements for the cabling system described in this RFP and any Bid attachment documents provided by the District.
- 8.1.3** If, for any reason, any Bid attachment document is in conflict with the details in the specifications herein this RFP, the forgoing written specification shall take precedence.

#### **8.2.0 APPLICABLE DOCUMENTS**

The structured cabling system described within the specifications is derived, in part, from the recommendations in industry standard manuals and documents. The Bidder is responsible for determining and adhering to the most recent release of applicable documents when developing their proposal for the structured cabling installation. The following list of applicable documents has influence on the desired cabling infrastructure and incorporated herein by reference.

- 8.2.1**
  - 1) All technical specification and associated drawings provided by the District
  - 2) Local Building and Fire Codes
  - 3) BICSI's Information Transport Systems Installation Manual (ITSIM) 4th edition
  - 4) BICSI's Telecommunications Distribution Methods Manual (TDMM) 10th Edition
  - 5) National Fire Protection Agency (NFPA) - 70, National Electrical Code (NEC) – 2005
- 8.2.2** If a conflict exists between the applicable documents, then the aforementioned numeric list of applicable documents shall dictate the order of precedence in resolving such conflicts. This order of precedence shall be maintained unless a lesser order document has been adopted as code by a local, state, or federal entity. If a conflict further exists, documents adopted as code shall take precedence.
- 8.2.3** If the specifications incorporated herein and any of the aforementioned applicable documents are in conflict with each other, then the more stringent requirement shall apply. All applicable documents listed are, to the best of the District's knowledge, considered to be the most current releases of said documents.

#### **8.3.0 PURPOSE AND BIDDER RESPONSIBILITIES**

The intent of these structured cabling specifications is to make available to all Bidders a standard specification for cabling installation(s) in all K-12 educational facilities identified in the SOW, section 5.0.0.

- 8.3.1** The structured cabling specifications identify the minimum performance criteria for the components and sub-systems encompassing a complete structured cabling system that shall accommodate the District's Infrastructure Requirements, section 5.3.0.
- 8.3.2** The product specifications, general design considerations, and installation guidelines are incorporated herein this RFP.
- 8.3.3** Quantities of data outlets, typical installation details, cable routing and outlet types for the specific educational facilities will be provided by the District.
- 8.3.4** The successful Bidder is required to furnish all labor, supervision, tooling, and miscellaneous mounting hardware and consumables for the structured cabling system installed at the District.

**8.3.5** The forgoing specifications define the cabling system and subsystem components including cable, termination hardware, supporting hardware, and miscellany required to furnish and install a complete cabling infrastructure supporting data and fiber.

**8.4.0 CABLING INFRASTRUCTURE REQUIREMENTS**

Only Category 6 Unshielded Twisted Pair (UTP) cable will be allowed in all horizontal structured cabling systems. The selected vendor/contractor shall adhere to all of the following cabling infrastructure specifications.

**8.4.1 Data Subsystem** - The Data subsystem will be comprised of **BLUE Category 6** UTP cable and termination hardware. Horizontal cable shall be terminated on a rack mounted 48-port Category 6 patch panel. At the outlet end, Category 6 UTP cable shall be terminated to a **BLUE Category 6** approved jack.

**8.4.2 Facilities Environment** - Each building identified in the SOW, section 5.0.0, has one (1) Main Distribution Facility (MDF) room. All Category 6/Fiber cable will be rack mounted in these MDF locations.

**8.4.2.1** It is recommended that each Bidder visits each facility to confirm the SOW conditions, per section 1.3.0.

**8.4.2.2** Bidders may request, from the District, a copy of the blueprints and/or drawings, per section 2.6.0.

**8.4.2.3** The selected vendor/contractor will abate any existing cable in each building, where applicable, and will properly dispose of such cable at the selected vendor/contractors' expense.

**9.0.0 HORIZONTAL DISTRIBUTION SUBSYSTEM**

**9.1.0 DATA OUTLETS**

As described in section 8.4.0, all data outlets will be located in the following primary user work areas: **classrooms** and within the parameters of the following configuration(s), specification(s), placement(s), diagram(s) and installation(s). **The bidder may use any existing raceway, outlets and outlet covers/faceplates.**

**9.1.1 Outlet Configurations/Designations** - In order to support the connectivity requirements for the data within the specified user work areas, the following outlet configurations/designation will be used.

| OUTLET DESCRIPTION | DIAGRAM DESIGNATION | OUTLET CONFIGURATION                                                                                                                                                                                                           |
|--------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Outlet        | D                   | The Data outlet will be composed of a single gang faceplate with one Category 6 jack. Data outlets will be contain one Category 6 UTP cable. <b>Data cable will be blue. (See cable part numbers, section 10.1.13)</b>         |
|                    | DD                  | The Double Data outlet will be composed of a single gang faceplate with two Category 6 jacks. Data outlets will be contain one Category 6 UTP cable. <b>Data cable will be blue. (See cable part numbers, section 10.1.13)</b> |

**9.1.2 Outlet Diagrams** – The following diagrams specify the outlet configuration(s) for each location.



**9.1.3 Outlet Placement(s)** - All outlet locations will be noted on the District supplied drawings and/or blueprints with designated outlet type(s) identified.

**9.1.3.1 Classroom(s)** – The outlet placement must accommodate teacher and student needs for instructional delivery and student use. The typical classroom will contain usually between one and four data outlets.

**9.1.3.2 Computer Lab(s) and Media Center(s)** – The outlet placement(s) may have different requirements than typical wall mount outlets. The District shall provide such requirements, if appropriate and as needed.

**9.1.4 Outlet Installation** - All proposed outlets shall be installed in the following manner:

**9.1.4.1** Cables shall be coiled in the in-wall or surface-mount boxes if adequate space is present to house the cable coil without exceeding the manufacturer's bend radius. In hollow wall installations where box-eliminators are used, excess wire can be stored in the wall. No more than 12" of slack shall be stored in an in-wall box, modular furniture raceway, or insulated walls. Excess slack may be neatly coiled and stored in the ceiling above each drop location when there is not enough space present in the outlet box to store slack cable.

**9.1.4.2** Each cable type shall be terminated as indicated by the following:

**9.1.4.2.1** Cables shall be dressed and terminated in accordance with the recommendations made in the TIA/EIA-568-A document, the manufacturer's recommendations, and best industry practices.

**9.1.4.2.2** Pairs of UTP cable at the termination shall not exceed one-quarter (1/4) of an inch in length.

**9.1.4.2.3** Bend radius of the cable in the termination area shall not be less than 4 times the outside diameter of the cable.

**9.1.4.2.4** The cable jacket for the UTP cables shall be maintained as close as possible to the termination point.

**9.1.4.2.5** Data jacks shall occupy the bottom position(s) on the faceplate.

**9.2.0 CABLE SPECIFICATIONS**

In addition to all other standard Category 6 performance requirements, the Category 6 modular (data) jacks shall meet the performance requirements listed in the following table:

| <b>Category 6 Jack<br/>Typical Worst-Case Performance Characteristics</b> |                       |                       |                |                   |
|---------------------------------------------------------------------------|-----------------------|-----------------------|----------------|-------------------|
| <b>Frequency - MHz</b>                                                    | <b>Attenuation dB</b> | <b>Return Loss dB</b> | <b>NEXT dB</b> | <b>PS NEXT dB</b> |
| 1                                                                         | 1.9                   | 19.1                  | 65.0           | 62.0              |
| 4                                                                         | 3.5                   | 21.0                  | 64.1           | 61.8              |
| 8                                                                         | 5.0                   | 21.0                  | 59.4           | 57.0              |
| 10                                                                        | 5.6                   | 21.0                  | 57.8           | 55.5              |
| 16                                                                        | 7.0                   | 20.0                  | 54.6           | 52.2              |
| 20                                                                        | 7.9                   | 19.5                  | 53.1           | 50.7              |
| 25                                                                        | 8.9                   | 19.0                  | 51.5           | 49.1              |
| 31.25                                                                     | 10.0                  | 18.5                  | 50.0           | 47.5              |
| 62.5                                                                      | 14.4                  | 16.0                  | 45.1           | 42.7              |
| 100                                                                       | 18.6                  | 14.0                  | 41.8           | 39.3              |
| 200                                                                       | 27.4                  | 11.0                  | 36.9           | 34.3              |
| 250                                                                       | 31.1                  | 10.0                  | 35.3           | 32.7              |

**10.0.0 HORIZONTAL DISTRIBUTION CABLE INSTALLATION****10.1.0 CABLE INSTALLATIONS**

All cable shall be installed in accordance with manufacturer's recommendations and best industry practices.

- 10.1.1** Cable raceways shall not be filled greater than the NEC maximum fill for the particular raceway type.
- 10.1.2** Cables shall be installed in continuous lengths from origin to destination with no splices unless specifically addressed in this document as a transition from horizontal to backbone fiber strands within the IDF and/or MDF. Where cable splices are allowed, they shall be in accessible locations and housed in an enclosure intended and suitable for the purpose.
- 10.1.3** The cable's minimum bend radius and maximum pulling tension shall not be exceeded.
- 10.1.4** If a J-hook or trapeze system is used to support cable bundles all horizontal cables shall be supported at **a maximum of four-foot intervals**. At no point shall cable(s) rest on acoustic ceiling grids or panels.
- 10.1.5** Horizontal distribution cables shall be bundled in groups of, no more than, forty (40) cables as cable bundle quantities in excess of forty (40) cables may cause deformation of the bottom cables within the bundle.
- 10.1.6** Cable shall be installed above fire-sprinklers and/or systems and shall not be attached to the fire-sprinkler system and/or any ancillary equipment or hardware of same. The cabling system and support hardware shall be installed so that it does not obscure any valves, fire alarm conduit, boxes, or other control devices.
- 10.1.7** Cables shall not be attached to ceiling grid or lighting support wires. Where lightweight supports for drop cable legs are required, the selected vendor/contractor shall install clips and/or wire to support the cabling.
- 10.1.8** Any cable damaged or exceeding recommended installation parameters during installation shall be replaced by the selected vendor/contractor prior to final acceptance at no cost to the District.
- 10.1.9** A self-adhesive label in accordance with the System Documentation section of this RFP shall identify all installed cables. The cable label shall be applied to the cable behind the faceplate on a section of cable that can be accessed by removing the cover plate.
- 10.1.10** The UTP cable shall be installed so that there are no bends less than four times the cables outside diameter (4 X cable O.D.) at any point in the run and at the termination field.



**10.1.11** Pulling tension on 4-pair UTP cables shall not exceed 25-pounds for a single cable or cable bundle.

**10.1.12** No variations will be allowed to the planned termination positions of the horizontal and backbone cables and grounding conductors unless approved in writing by the District.

**10.1.13** The following Category 6 cable/jack manufactures/brands *or equivalent* shall be used in all cases.

| CABLE                    | SYSTIMAX        | AMP         |
|--------------------------|-----------------|-------------|
| CAT6 Jack Blue           | MGS400-318-Blue | 137 505 5-6 |
| CAT6 Blue cable Plenum   | 2071004EBL      | 219 567-6   |
| CAT6 48 port patch panel | 1100GS3-48      | 137 501 5-1 |

## **10.2.0 TERMINATION HARDWARE INSTALLATION**

Copper termination and management hardware shall be installed in the following manner:

**10.2.1** Cables shall be dressed and terminated in accordance with the recommendations made in the TIA/EIA-568-A document, manufacturers' recommendations, and/or best industry practices.

**10.2.2** Pair untwist at the termination shall not exceed one-half an inch.

**10.2.3** Bend radius of the cable in the termination area shall not exceed 4 times the outside diameter of the cable.

**10.2.4** Cables shall be neatly bundled and dressed to their respective panels or blocks. Each panel or block shall be fed by an individual bundle separated and dressed back to the point of cable entrance into the rack or frame.

**10.2.5** The cable jacket shall be maintained as close as possible to the termination point.

**10.2.6** Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed without removing the bundle support ties. Cables labeled within the bundle, where the label is obscured from view, will not be accepted.

## **10.3.0 CABLING SYSTEM TESTING**

All cables and termination hardware shall be 100% tested by the selected vendor/contractor for defects in installation and to verify cable performance under installed conditions. All conductors of each installed cable shall be verified useable by the selected vendor/contractor prior to system acceptance. Any defect in the cabling system installation including but not limited to cable, connectors, feed through couplers, patch panels, and connector blocks shall be repaired or replaced in order to ensure 100% useable conductors in all cables installed.

**10.3.1** All cables shall be tested in accordance with the specifications contained herein and/or best industry standards and practices.

**10.3.2** If any of these specifications are in conflict, the selected vendor/contractor shall be responsible to bring any discrepancies to the attention of the project team for clarification and/or resolution.

**10.3.3 Copper** - Each cable shall be tested for continuity on all pairs and/or conductors. Twisted-Pair data cables shall be tested for continuity, pair reversals, shorts, and opens using a continuity type test set. Twisted-Pair data cables shall be tested for the all of the above requirements, plus tests that indicate installed cable performance. These data cables shall be tested using a Class II cable analyzer.

- 10.3.4 Continuity** - Each pair of each installed cable shall be tested using a continuity test set that shows opens, shorts, polarity and pair-reversals. Shielded/screened cables shall be tested with a device that verifies shield continuity in addition to the above stated tests. The test shall be recorded as pass/fail as indicated by the test set in accordance with the manufacturers recommended procedures, and referenced to the appropriate cable identification number and circuit or pair number. Any faults in the wiring shall be corrected and the cable re-tested prior to final acceptance.
- 10.3.5 Length** - Each installed cable shall be tested for installed length using a TDR type device. The cables shall be tested from patch panel to patch panel, block to block, patch panel to outlet or block to outlet as appropriate. The cable length shall conform to the maximum distances set forth in the TIA/EIA-568-A Standard. Cable lengths shall be recorded, referencing the cable identification number and circuit or pair number.
- 10.3.6 Performance Verification** - High speed Unshielded Twisted Pair (UTP) data cable shall be performance verified using an automated test set. This test set shall be capable of testing for the continuity and length parameters defined above, and provide results for the following tests: Near End Cross-Talk (NEXT) Attenuation Ambient Noise Attenuation to Cross-Talk Ratio (ACR). Test results shall be automatically evaluated by the equipment, using the most up-to-date criteria from the TIA/EIA-568-A Standard, and the result shown as pass/fail. Test results shall be printed directly from the test unit or from a download file using an application from the test equipment manufacturer. The printed test results shall include all tests performed, the expected test result and the actual test result achieved.
- 10.3.7 Testing Documentation** - Test documentation shall be provided in a three ring binder(s) according to the System Documentation specifications, 11.0.0, within (3) three weeks after completing the structured cabling project.

#### **10.4.0 FIRE STOP SYSTEMS**

A fire stop system is comprised of: the item or items penetrating the fire rated structure; the opening in the structure and the materials and assembly of the materials used to seal the penetrated structure. Fire stop systems comprise an effective block for fire, heat, vapor and pressurized water stream.

- 10.4.1** All penetrations through fire rated building structures (walls and floors) shall be sealed with an appropriate fire stop system. This requirement applies to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure).
- 10.4.2** Any penetrating items i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. shall be properly fire stopped.
- 10.4.3** Fire stop systems shall be UL Classified to ASTM E814 (UL 1479) and shall be approved by a qualified Professional Engineer (PE) licensed in the state where the work is to be performed. A drawing showing the proposed fire stopped system, stamped/embossed by the cognizant PE shall be provided to the District's Technology Director prior to installing the fire stop system(s).
- 10.4.4** All fire stop systems shall be installed in accordance with the manufacturer's recommendations and shall be completely installed and available for inspection by the local inspection authorities prior to cabling system acceptance.

**11.0.0 SYSTEM DOCUMENTATION**

The following sections describe the minimum installation, administration, testing, and as-built documentation required from and/or maintained by the selected vendor/contractor during the course of the entire cabling installation project.

**11.1.0 CABLING SYSTEM LABELING**

The selected vendor/contractor shall develop and submit for approval by the authorized District representative a labeling system for the cable installation. The District will negotiate an appropriate labeling scheme with the selected vendor/contractor. At a minimum, the labeling system shall clearly identify all components of the system: racks, cables, panels, and outlets.

- 11.1.1** The labeling system shall designate the cables origin and destination and a unique identifier for the cable within the system. Racks and patch panels shall be labeled to identify the location within the cabling system infrastructure and as follows:
- 11.1.2** Provide “label” for each jack: Room No. – Plate I.D. – X where “X” denotes numerical sequence in each room as noted on “As-Built” diagrams, section 11.2.0.
- 11.1.3** Furnish, install, terminate, and label Cross-Connect Patch Panel (Jack Field) at Main Data Label each “Room” Horizontal Subsystem circuit number to match labels.
- 11.1.4** Provide location and labeling plan in frame with clear plastic cover in each MDF and/or IDF, where applicable.
- 11.1.5** All labeling information shall be recorded on the “As-Built” diagrams and all test documents shall reflect the appropriate labeling scheme.
- 11.1.6** All label printing will be machine generated using indelible ink ribbons or cartridges.
- 11.1.7** Self-laminating labels will be used on cable jackets, appropriately sized to the OD of the cable, and placed within view at the termination point on each end.
- 11.1.8** Each cable shall be clearly labeled on the cable jacket behind the patch panel at a location that can be viewed without removing the bundle support ties.
- 11.1.9** Each outlet shall be labeled on the space provided on the faceplate.

**11.2.0 “AS-BUILT” DIAGRAM(S)**

The District shall provide the selected vendor/contractor with blueprints and/or drawings at the start of the proposed project. One (1) set of said blueprints and/or drawings will be designated as the “master set” and kept at a designated location within the district for documenting all “As-Built” information as it occurs during project configuration and installation.

- 11.2.1** The master set will be maintained by the selected vendor/contractor’s foreman on a daily basis and will be available to the District’s authorized representative upon request during the course of the project.
- 11.2.2** The selected vendor/contractor shall add (mark up) any changes and/or deviations from the original master set to the “As-Built” diagrams as needed. The marked up master set will accurately depict the “As-Built” status of the system including termination locations, cable routing, and all administration labeling for the cabling system.
- 11.2.3** The selected vendor/contractor shall provide the master set and “As-Built” diagram(s) to the District at the conclusion of the project. These said “As-Built” diagram(s) will be submitted to the District in both paper and electronic copy, preferably Microsoft Visio.
- 11.2.4** The District shall require a narrative that describes any areas of difficulty encountered by the selected vendor/contractor during the installation that may potentially cause future problems with the cabling system.

### **11.3.0 TESTING DOCUMENTATION**

Test documentation shall be provided electronically within (3) three weeks after completing the project. The file(s) shall be divided by two (2) major heading tabs; Horizontal and Backbone.

**11.3.1** Each of the two (2) major heading sections, Horizontal and Backbone shall be divided by Testing Type. Each Testing Type section of the binder(s) shall include one (1) tab for each test performed; scanner test results Category 6), fiber optic attenuation test results, and continuity test results.

**11.3.2** The test equipment by name, manufacturer, model number and last calibration date will also be provided at the end of the binder(s). Unless a more frequent calibration cycle is specified by the manufacturer, an annual calibration cycle is anticipated on all test equipment used for this installation.

**11.3.3** The testing documentation shall detail the test method(s) used and the specific settings of the equipment during the test(s). When repairs and re-tests are performed, the problem found and corrective action taken shall be noted, and both the failed and passed test data shall be co-located in the binder(s).

**11.3.4** All testing results shall be printed on 8-1/2" x 11". Hand written test results will NOT be accepted by the District.

### **11.4.0 WARRANTY DOCUMENTATION**

The selected vendor(s)/contractor(s) must furnish the District written warranty documentation. The warranty documentation shall include cable and connectivity components and have one (1) point of contact person for any/all structured cabling system issues, where applicable.

**11.4.1** The warranty shall cover the installed structured cabling system against defects in workmanship, components, and performance, and follow-up support after project completion for a period of three (3) years from the date of the system installation acceptance by the District.

**11.4.2** The warranty shall cover all labor and materials necessary to correct any/all failed portion(s) of the structured cabling system and to demonstrate performance within the original installation specifications after repairs are accomplished.

**11.4.3** The selected vendor/contractor shall provide said structured cabling system warranty at no additional cost(s) to the District.

**APPENDIX A – INTENT TO BID FORM**

***If the Bidder intends to submit a Bid for the Structured Cabling project at Fowlerville Community Schools, this Intent to Bid Form must be completed and returned via mail, fax or email to the District no later than February 21, 2018.***

Please complete and return to:

**Fowlerville Community Schools  
Grace Damerow  
7677 Sharpe Rd.  
Fowlerville, Michigan 48836**

**Phone: 517.223.6021  
Fax: 517.223.6121  
Email: damerowg@fowlervilleschools.org**

---

I will attend the **scheduled mandatory walkthrough** meeting at **12:00P.M. on February 21, 2018.**

☐ Yes ☐ No (Check one)

Name of Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Date: \_\_\_\_\_

## APPENDIX B – BID SIGNATURE PAGE

*I have examined the RFP Bid conditions and specifications herein and agree that if my company is awarded a contract to provide any of the products and/or services sought in this RFP, my company will provide the District with the products and/or services according to the Invitation to Bid, Bidder Instructions, General Conditions, Universal Service Fund (USF) Conditions, Scope of Work, Timeline Requirements, Awarded Contract Requirements, and Products and Services Specifications of this RFP and the Bid submitted herewith. Any and all deviations from the RFP Bid specifications are in writing and attached.*

### Submitted By:

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Representative Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### ***Do not write below this line: For District Use Only***

---

The following items are enclosed and/or included on the Bid:

- |                                                                                               |                                                                      |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <input type="checkbox"/> Proposal(s) (in triplicate)                                          | <input type="checkbox"/> Intent To Bid Form (Appendix A)             |
| <input type="checkbox"/> Bid Bond/Cashier's Check (5% of Bid)                                 | <input type="checkbox"/> Bid Signature Page (Appendix B)             |
| <input type="checkbox"/> USF E-Rate SPIN                                                      | <input type="checkbox"/> Bill of Materials (Appendix C)              |
| <input type="checkbox"/> Four (4) references, one (1) of which is a school or school district | <input type="checkbox"/> Familial Disclosure Affidavit (Appendix D)  |
|                                                                                               | <input type="checkbox"/> Iran Linked Business Affidavit (Appendix E) |

## APPENDIX C – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposals – Structured Cabling.

**NOTE: The Bidder may attach additional pages for Bill of Material as needed.**

### **BASE BID - Structured Cabling (Must include all components and installation costs)**

| BUILDING NAME: |       |          |             |     |            |             |
|----------------|-------|----------|-------------|-----|------------|-------------|
| Make           | Model | Part No. | Description | Qty | Unit Price | Total Price |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |

### **ALTERNATE 1 BID - Structured Cabling (Must include all components and installation costs)**

| BUILDING NAME: |       |          |             |     |            |             |
|----------------|-------|----------|-------------|-----|------------|-------------|
| Make           | Model | Part No. | Description | Qty | Unit Price | Total Price |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |
|                |       |          |             |     |            |             |

**APPENDIX D - FAMILIAL DISCLOSURE AFFIDAVIT**

*All Bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the Bidder and any member of the Board of Education of the District and/or the Superintendent of the District.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the Bidder), pursuant to the familial disclosure requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals, hereby represent and warrant, except as provided below, that no familial relationships exist between the Bidder or any employee of the Bidder, and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

☐ **The following are the Bidders familial relationship(s) with the Fowlerville Community Schools:**

|    | <b>Bidder/Employee</b> | <b>Name Related to:</b> | <b>Relationship</b> |
|----|------------------------|-------------------------|---------------------|
| 1. | _____                  | _____                   | _____               |
| 2. | _____                  | _____                   | _____               |

(Attach additional pages if necessary to disclose all familial relationships.)

☐ **There is no familial relationship that exists** between the Bidder and/or any employee of the Bidder and any member of the Fowlerville Community Schools Board of Education and/or the Superintendent.

**Bidder:**

\_\_\_\_\_  
(Company Name)

**By:**

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for \_\_\_\_\_ County,  
\_\_\_\_\_ on this \_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
(Notary Public Signature) **SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_



## APPENDIX E - IRAN LINKED BUSINESS AFFIDAVIT

*All Bids shall be accompanied by a sworn statement disclosing any Iran Linked Business relationship that exists within the owners, including its officers, directors and employees.*

The undersigned, owner or authorized officer of \_\_\_\_\_ (the bidder), pursuant to Michigan Public Act No. 517 of 2012, the “Iran Linked Business” requirement provided in the Fowlerville Community Schools Universal Service Fund Request for Proposals hereby represents and warrants that the bidder, including its officers, directors and employees, is not an “Iran Linked Business” within the meaning of the applicable Public Act, and that in the event bidder is awarded a contract as a result of this RFP, the bidder will not become an “Iran Linked Business” at any time during the course of performing under the contract. The bidder further acknowledges that any person who is found to have submitted a false certification is responsible for a civil penalty of not more than \$250,000.00 or 2 times the amount of the contract or proposed contract for which the false certification was made, whichever is greater, the cost of the District investigation, and reasonable attorney fees, in addition to the fine. Moreover, any person who submitted a false certification shall be ineligible to bid on future Requests for Proposals (RFPs) for three (3) years from the date that it is determined that the person has submitted the false certification.

☐ **There is not an “Iran Linked Business” that exists** within the bidder and/or owner, officers, directors and employees.

**Bidder:** \_\_\_\_\_  
(Company Name)

**By:** \_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Title)

This instrument was acknowledged before me, a Notary Public, in and for

\_\_\_\_\_ County, on this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_,

\_\_\_\_\_  
(Notary Public Signature) **SS:**

My Commission expires: \_\_\_\_\_

Acting in the County of: \_\_\_\_\_

## **APPENDIX F – PREVAILING WAGE**



## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

## ***Informational Sheet: Prevailing Wages on State Projects***

---

### **REQUIREMENTS OF THE PREVAILING WAGES ON STATE PROJECTS ACT, PUBLIC ACT 166 OF 1965**

The State of Michigan determines prevailing rates pursuant to the Prevailing Wages on State Projects Act, Public Act 166 of 1965, as amended. The purpose of establishing prevailing rates is to provide minimum rates of pay that must be paid to workers on construction projects for which the state or a school district is the contracting agent and which is financed or financially supported by the state. By law, prevailing rates are compiled from the rates contained in collectively bargained agreements which cover the locations of the state projects. The official prevailing rate schedule provides an hourly rate which includes *wage and fringe benefit totals* for designated construction mechanic classifications. The overtime rates also include *wage and fringe benefit totals*. Please pay special attention to the overtime and premium pay requirements. Prevailing wage is satisfied when wages plus fringe benefits paid to a worker are equal to or greater than the required rate.

#### **State of Michigan responsibilities under the law:**

- The department establishes the prevailing rate for each classification of construction mechanic ***requested by a contracting agent*** prior to contracts being let out for bid on a state project.

#### **Contracting agent responsibilities under the law:**

- If a contract is not awarded or construction does not start within 90 days of the date of the issuance of rates, a re- determination of rates must be requested by the contracting agent.
- Rates for classifications needed but not provided on the Prevailing Rate Schedule, ***must*** be obtained ***prior*** to contracts being let out for bid on a state project.
- The contracting agent, by written notice to the contractor and the sureties of the contractor known to the contracting agent, may terminate the contractor's right to proceed with that part of the contract, for which less than the prevailing rates have been or will be paid, and may proceed to complete the contract by separate agreement with another contractor or otherwise, and the original contractor and his sureties shall be liable to the contracting agent for any excess costs occasioned thereby.

#### **Contractor responsibilities under the law:**

- Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing rates prescribed in a contract.
- Every contractor and subcontractor shall keep an accurate record showing the name and occupation of and the actual wages and benefits paid to each construction mechanic. This record shall be available for reasonable inspection by the contracting agent or the department.
- Each contractor or subcontractor is separately liable for the payment of the prevailing rate to its employees.
- The prime contractor is responsible for advising all subcontractors of the requirement to pay the prevailing rate prior to commencement of work.
- A construction mechanic ***shall only*** be paid the apprentice rate if registered with the United States Department of Labor, Bureau of Apprenticeship and Training and the rate is included in the contract.

#### **Enforcement:**

A person who has information of an alleged prevailing wage violation on a state project may file a complaint with the State of Michigan. The department will investigate and attempt to resolve the complaint informally. During the course of an investigation, if the requested records and posting certification are not made available in compliance with Section 5 of Act 166, the investigation will be concluded and a referral may be made to the local prosecuting attorney.



## STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

### ***Informational Sheet: Prevailing Wages on State Projects***

#### **General Information Regarding Fringe Benefits**

**Certain** fringe benefits **may** be credited toward the payment of the Prevailing Wage Rate:

- If a fringe benefit is paid directly to a construction mechanic
- If a fringe benefit contribution or payment is made on behalf of a construction mechanic
- If a fringe benefit, which may be provided to a construction mechanic, is pursuant to a written contract or policy
- If a fringe benefit is paid into a fund, for a construction mechanic

When a fringe benefit is not paid by an hourly rate, the hourly credit will be calculated based on the annual value of the fringe benefit divided by 2080 hours per year (52 weeks @ 40 hours per week).

The following is an example of the types of fringe benefits allowed and how an hourly credit is calculated:

|                            |                                                        |               |
|----------------------------|--------------------------------------------------------|---------------|
| Vacation                   | 40 hours X \$14.00 per hour = \$560/2080 =             | \$.27         |
| Dental insurance           | \$31.07 monthly premium X 12 mos. = \$372.84 /2080 =   | \$.18         |
| Vision insurance           | \$5.38 monthly premium X 12 mos. = \$64.56/2080 =      | \$.03         |
| Health insurance           | \$230.00 monthly premium X 12 mos. = \$2,760.00/2080 = | \$1.33        |
| Life insurance             | \$27.04 monthly premium X 12 mos. = \$324.48/2080 =    | \$.16         |
| Tuition                    | \$500.00 annual cost/2080 =                            | \$.24         |
| Bonus                      | 4 quarterly bonus/year x \$250 = \$1000.00/2080 =      | \$.48         |
| 401k Employer Contribution | \$2000.00 total annual contribution/2080 =             | \$.96         |
| <b>Total Hourly Credit</b> |                                                        | <b>\$3.65</b> |

Other examples of the types of fringe benefits allowed:

- Sick pay
- Holiday pay
- Accidental Death & Dismemberment insurance premiums

The following are examples of items that **will not** be credited toward the payment of the Prevailing Wage Rate

- Legally required payments, such as:
  - Unemployment Insurance payments
  - Workers' Compensation Insurance payments
  - FICA (Social Security contributions, Medicare contributions)
- Reimbursable expenses, such as:
  - Clothing allowance or reimbursement
  - Uniform allowance or reimbursement
  - Gas allowance or reimbursement
  - Travel time or payment
  - Meals or lodging allowance or reimbursement
  - Per diem allowance or payment
- Other payments to or on behalf of a construction mechanic that are not wages or fringe benefits, such as:
  - Industry advancement funds
  - Financial or material loans



## STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

### ***Informational Sheet: Prevailing Wages on State Projects***

#### **OVERTIME PROVISIONS for MICHIGAN PREVAILING WAGE RATE COMMERCIAL SCHEDULE**

- Overtime is represented as a nine character code. Each character represents a certain period of time after the first 8 hours Monday thru Friday.

|               | Monday thru Friday | Saturday | Sunday & Holidays | Four 10s |
|---------------|--------------------|----------|-------------------|----------|
| First 8 Hours |                    | <b>4</b> | <b>8</b>          | <b>9</b> |
| 9th Hour      | <b>1</b>           | <b>5</b> |                   |          |
| 10th Hour     | <b>2</b>           | <b>6</b> |                   |          |
| Over 10 hours | <b>3</b>           | <b>7</b> |                   |          |

Overtime for Monday thru Friday after 8 hours:

the 1st character is for time worked in the 9th hour (8.1 - 9 hours)

the 2nd character is for time worked in the 10th hour (9.1 - 10 hours)

the 3rd character is for time worked beyond the 10th hour (10.1 and beyond)

Overtime on Saturday:

the 4th character is for time worked in the first 8 hours on Saturday (0 - 8 hours)

the 5th character is for time worked in the 9th hour on Saturday (8.1 - 9 hours)

the 6th character is for time worked in the 10th hour (9.1 - 10 hours)

the 7th character is for time worked beyond the 10th hour (10.01 and beyond)

Overtime on Sundays & Holidays

The 8th character is for time worked on Sunday or on a holiday

Four Ten Hour Days

The 9th character indicates if an optional 4-day 10-hour per day workweek can be worked ***between Monday and Friday without paying overtime after 8 hours worked, unless otherwise noted in the rate schedule. To utilize a 4 ten workweek, notice is required from the employer to employee prior to the start of work on the project.***

- Overtime Indicators Used in the Overtime Provision:

H - means TIME AND ONE-HALF due

X - means TIME AND ONE-HALF due after 40 HOURS worked

D - means DOUBLE PAY due

Y - means YES an optional 4-day 10-hour per day workweek can be worked without paying overtime after 8 hours worked

N - means NO an optional 4-day 10-hour per day workweek *cannot* be worked without paying overtime after 8 hours worked

- EXAMPLES:

HHHHHHHDN - This example shows that the 1½ rate must be used for time worked after 8 hours Monday thru Friday (characters 1 - 3); for all hours worked on Saturday, 1½ rate is due (characters 4 - 7). Work done on Sundays or holidays must be paid double time (character 8). The N (character 9) indicates that 4 ten-hour days is not an acceptable workweek at regular pay.

XXXHHHHDY - This example shows that the 1½ rate must be used for time worked after 40 hours are worked Monday thru Friday (characters 1-3); for hours worked on Saturday, 1½ rate is due (characters 4 – 7). Work done on Sundays or holidays must be paid double time (character 8). The Y (character 9) indicates that 4 ten-hour days is an acceptable alternative workweek.



## STATE OF MICHIGAN

Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

### ***Informational Sheet: Prevailing Wages on State Projects***

## **ENGINEERS - CLASSES OF EQUIPMENT LIST**

### **UNDERGROUND ENGINEERS**

#### **CLASS I**

Backfiller Tamper, Backhoe, Batch Plant Operator, Clam-Shell, Concrete Paver (2 drums or larger), Conveyor Loader (Euclid type), Crane (crawler, truck type or pile driving), Dozer, Dragline, Elevating Grader, End Loader, Gradall (and similar type machine), Grader, Power Shovel, Roller (asphalt), Scraper (self propelled or tractor drawn), Side Broom Tractor (type D-4 or larger), Slope Paver, Trencher (over 8' digging capacity), Well Drilling Rig, Mechanic, Slip Form Paver, Hydro Excavator.

#### **CLASS II**

Boom Truck (power swing type boom), Crusher, Hoist, Pump (1 or more 6" discharge or larger gas or diesel powered by generator of 300 amps or more, inclusive of generator), Side Boom Tractor (smaller than type D-4 or equivalent), Tractor (pneu-tired, other than backhoe or front end loader), Trencher (8' digging capacity and smaller), Vac Truck.

#### **CLASS III**

Air Compressors (600 cfm or larger), Air Compressors (2 or more less than 600 cfm), Boom Truck (non-swinging, non-powered type boom), Concrete Breaker (self-propelled or truck mounted, includes compressor), Concrete Paver (1 drum, ½ yard or larger), Elevator (other than passenger), Maintenance Man, Mechanic Helper, Pump (2 or more 4" up to 6" discharge, gas or diesel powered, excluding submersible pump), Pumpcrete Machine (and similar equipment), Wagon Drill Machine, Welding Machine or Generator (2 or more 300 amp or larger, gas or diesel powered).

#### **CLASS IV**

Boiler, Concrete Saw (40HP or over), Curing Machine (self-propelled), Farm Tractor (w/attachment), Finishing Machine (concrete), Firemen, Hydraulic Pipe Pushing Machine, Mulching Equipment, Oiler (2 or more up to 4", exclude submersible), Pumps (2 or more up to 4" discharge if used 3 hrs or more a day-gas or diesel powered, excluding submersible pumps), Roller (other than asphalt), Stump Remover, Vibrating Compaction Equipment (6' wide or over), Trencher (service) Sweeper (Wayne type and similar equipment), Water Wagon, Extend-a-Boom Forklift.

### **HAZARDOUS WASTE ABATEMENT ENGINEERS**

#### **CLASS I**

Backhoe, Batch Plant Operator, Clamshell, Concrete Breaker when attached to hoe, Concrete Cleaning Decontamination Machine Operator, Concrete Pump, Concrete Paver, Crusher, Dozer, Elevating Grader, Endloader, Farm Tractor (90 h.p. and higher), Gradall, Grader, Heavy Equipment Robotics Operator, Hydro Excavator, Loader, Pug Mill, Pumpcrete Machines, Pump Trucks, Roller, Scraper (self-propelled or tractor drawn), Side Boom Tractor, Slip Form Paver, Slope Paver, Trencher, Ultra High Pressure Waterjet Cutting Tool System Operator, Vactors, Vacuum Blasting Machine Operator, Vertical Lifting Hoist, Vibrating Compaction Equipment (self-propelled), and Well Drilling Rig.

#### **CLASS II**

Air Compressor, Concrete Breaker when not attached to hoe, Elevator, End Dumps, Equipment Decontamination Operator, Farm Tractor (less than 90 h.p.), Forklift, Generator, Heater, Mulcher, Pigs (Portable Reagent Storage Tanks), Power Screens, Pumps (water), Stationary Compressed Air Plant, Sweeper, Water Wagon and Welding Machine.



## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

---

## ***Informational Sheet: Prevailing Wages on State Projects***

---

---

### **CARPENTER CRAFT JURISDICTION**

---

Michigan recognizes the Carpenters for any and all work related to weatherization that has historically been the work of the Carpenter. This work shall include, but not be limited to: all work defined under the Federal Weatherization Assistance Program.

The jurisdiction of Carpenters, as to all work that has historically and traditionally been performed consisting of the milling, fashioning, joining, assembling, erecting, fastening or dismantling of all materials of wood, plastic, metal, fiber, cork, or composition and all other substitute materials, as well as the handling, cleaning, erecting, installing and dismantling of all machinery, equipment and all materials used by Carpenters.

The jurisdiction, therefore, extends over the following divisions and subdivisions of the trade: Carpenters and Joiners, Millwrights, Pile Drivers, Bridge, Dock and Wharf Carpenters, Underpinners, Timbermen, and Core-drillers, Shipwrights, Boat Builders, Ship-hand, Stair-Builders, Millmen, Wood and Resilient Floor Decorators, Floor Finishers, Carpet-layers, Shinglers, Siders, Insulators, Acoustic and Drywall Applicators, Sharers and House Movers, Loggers, Lumber and Sawmill Workers, Reed and Rattan Workers, Shingle Weavers, Casket and Coffin Makers, Railroad Carpenters and Car Builders, regardless of material used and all those engaged in the operation of woodworking or other machinery required in fashioning, milling or manufacturing of products used in the trade, and the handling, erecting and installing materials on any of the above divisions or sub-divisions, burning, welding and rigging incidental to the trade. When the term "Carpenter and Joiner" is used, it shall mean all the subdivisions of the trade. The trade autonomy of Carpenters therefore extends over the divisions and subdivisions of the trade, which are set forth as follows:

- (a) The framing, erecting and prefabrication of roofs, partitions, floors and other parts of buildings of wood, metal, plastic or other substitutes; application of all metal flashing used for hips, valleys and chimneys; the erection of Stran Steel section or its equal. The building and setting of all forms and centers for brick and masonry. The fabrication and erection of all forms for concrete and decking, the dismantling of same (as per International Agreement) when they are to be re-used on the job or stored for re-use. The cutting and handling of all falsework for fireproofing and slabs. Where power is used in the setting or dismantling of forms, all signaling and handling shall be done by carpenters. The setting of templates for anchor bolts for structural members and for machinery, and the placing, leveling and bracing of these bolts. All framing in connection with the setting or metal columns. The setting of all bulkheads, footing forms and the setting of and fabrication of, screeds and stakes for concrete and mastic floors where the screed is notched or fitted, or made up of more than one member. The making of forms for concrete block, bulkheads, figures, posts, rails, balusters and ornaments, etc.
- (b) The handling and erecting of rough material and drywall, the handling, assembly, setting and leveling of all fixtures, display cases, all furniture such as tables, chairs, desks, coat racks, etc., all de-mountable or moveable partitions such as Von wall, E Wall, Steel Case, Herman Miller, Haworth, American Seating, Westinghouse, Lazy Boy, rosewood, etc. All rebuilding, remodeling and setting up of all kinds of partitions, finished lumber, metal and plastic trim to be erected by Carpenters shall be handled from the truck or vehicle delivering same to the job by Carpenters.





## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

---

### ***Informational Sheet: Prevailing Wages on State Projects***

---

---

## **CARPENTER CRAFT JURISDICTION**

---

- (c) The building and moving of all scaffolding runways and staging where carpenters' tools are used, the building from the ground up of all scaffolds over fourteen (14) feet in height including metal and specially designed scaffolding. The building and construction of all hoists and derricks made of wood; the making of mortar boards, boxes, trestles, all shoring, razing and moving of buildings. Lift type trucks are to be considered a tool of the trade. Metal siding and metal roofing fall within the scope of jurisdiction for the carpenters.
- (d) The cutting or framing and fireproofing of the openings for pipes, conduits, ducts, etc., where they pass through floors, partitions, walls, roofs or fixtures composed in whole or in part of wood. The laying out of making and installation of all inserts and sleeves for pipes, ducts, etc., where carpenters' tools and knowledge are required. The making and installing of all wooden meter boards, crippling and backing for fixtures. The welding of studs and other fastenings to receive material being applied by carpenters.
- (e) The installation of all grounds, furring or stripping, ceilings and sidewalks, application of all types of shingling and siding, etc.
- (f) The installation of all interior and exterior trim or finish of wood, aluminum, kalamein, hollow or extruded metal, plastic, doors, transoms, thresholds, mullions and windows. The setting of jambs, bucks, window frames of wood or metal where braces or wedges are used. The installation of all wood, metal or other substitutes of casing, molding, chair rail, wainscoting, china closets, base of mop boards, wardrobes, metal partitions as per National Decisions or specific agreements, etc. The complete laying out, fabrication and erection of stairs. The making and erecting of all fixtures, cabinets, shelving, racks, louvers, etc. The mortising and application of all hardware in connection with our work. The sanding and refinishing of all wood, cork or composition floors to be sanded or scraped, filled, sized and buffed, either by hand or power machines. The assembling and setting of all seats in theaters, halls, churches, schools, auditorium, grandstands and other buildings. All bowling alley work.
- (g) The manufacture, fabrication and installation of all screens, storm sash, storm doors and garage doors; the installation of wood, canvas, plastic or metal awnings or eye shades, door shelters, jalousies, etc. The laying of wood, wood block and wood composition in floors.
- (h) The installation of all materials used in drywall construction, such as plasterboard, all types of asbestos boards, transite and other composition board. The application of all material which serves as base for acoustic tile, except plaster. All acoustical applications as per National Agreement or specific agreement.
- (i) The building and dismantling of all barricades, hand rails, guard rails, partitions and temporary partitions. The erection and dismantling of all temporary housing on construction projects.
- (j) The installation of rock wool, cork and other insulation material used for sound or weatherproofing. The removal of caulking and placing of staff bead and brick mold and all Oakum caulking, substitutes, etc., and all caulking in connection with carpentry work.
- (k) The installation of all chalk boards/marker boards.





## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

### ***Informational Sheet: Prevailing Wages on State Projects***

---

#### **CARPENTER CRAFT JURISDICTION**

---

- (l) The operation of all hand operated winches used to raise wooden structures.
- (m) The erection of porcelain enameled panels and siding.
- (n) The unloading and distribution of all furnished, prefabricated and built-up sections such as door bucks, window frames, cupboards, cabinets, store fixtures, counters and show cases or comparably finished or prefabricated materials, to the job sites or points of installation as used in the construction, alteration and remodeling industry.
- (o) The handling of doors, metal, wood or composite, partitions and other finished bulk materials used for trim from the point of delivery.
- (p) All processing of these materials and handling after processing.
- (q) The making up of panels and fitting them into walls, all bracing and securing, all removal of panels from the casting including all braces, whalers, hairpins, etc.
- (r) The handling and setting of all metal pans and sections from the stock piles of reasonable distance as required by job needs shall be performed by carpenters. The stripping of such metal pans, panels or sections is to be performed by carpenters.
- (s) The sharpening of all carpenter hand or power tools, or those used by carpenters.
- (t) The layout, fabrication, assembling of and erection and dismantling of all displays made of wood, metal, plastic, composition board or any substitute material; the covering of same with any type of material, the crating and un-crating, the handling from the point of unloading and back to the point of loading of all displays and other materials or components.
- (u) The same shall apply to all other necessary component parts used for display purposes such as turntables, platforms, identification towers and fixtures, regardless of how constructed, assembled or erected or dismantled.
- (v) The make-up, handling, cutting and sewing of all materials used in buntings, flags, banners, decorative paper, fabrics and similar materials used in the display decorative industry for draperies and back drops. The decorative framing of trucks, trailers and autos used as floats or moving displays. The slatting of walls to hand fabrics and other decorative materials, drilling of all holes to accommodate such installations. Setting up and removal of booths constructed of steel or aluminum tubing as stanchions, railings, etc., handling and placing of furniture, appliances, etc., which are being used to complete the booth at the request of the exhibitor. Fabricating and application of leather, plastic and other like materials used for covering of booths. The handling of all materials, fabricating of same. The loading and unloading, erecting and assembling at the exhibit of show area, also in or out of storage when used in booth decorations.



## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

### ***Informational Sheet: Prevailing Wages on State Projects***

---

#### **CARPENTER CRAFT JURISDICTION**

---

- (w) A display shall be construed as any exhibit or medium of advertising, open to private or public showing, which is constructed of wood, metal, plastic or any other substitute to accomplish the objectives of advertising or displaying.
- (x) Handling, fitting, draping, measuring and installation of fixtures and other hardware for draperies, all manner of making, measuring, repairing, sizing, hanging and installation of necessary fixtures and hardware for shades and Venetian blinds.
- (y) Work consisting of cutting and/or forming of all materials in preparation for installing of floors, walls and ceilings; the installation of all resilient floor and base; wall and ceiling materials to include cork, linoleum, prefabricated, laminated, rubber, asphalt, vinyl, metal, plastic, seamless floors and all other similar materials in sheet, interlocking liquid or tile form; the installation of all artificial turf, the installation, cutting and/or fitting of carpets; installation of padding, matting, linen crash and all preformed resilient floor coverings; the fitting of all devices for the attachment of carpet and other floor, wall and ceiling coverings; track sewing of carpets, drilling of holes for sockets and pins, putting in dowels and slats; and all metal trimmings used; the installation of all underlayments, sealants in preparation of floors, walls and ceilings, the unloading and handling of all materials to be installed and the removal of all materials in preparing floors when contracted for by the employer, shall be done only by employees covered under this Agreement.
- (z) The installation of all sink-tops and cabinets, to include all metal trim and covering for same. All cork, linoleum, congo-wall, linewall, veos tile, plexiglass, vinawall tile, composition tile, plastic tile, aluminum tile and rubber in sheets or tile form and the application thereof. All bolta-wall and bolta-wall tile and similar products.
- (aa) The handling and placing of all pictures and frames and the assembly of bed frames and accessories. The hanging and placing of all signage.
- (bb) The installation of all framework partitions and trim materials for toilets and bathrooms made of wood, metal, plastics or composition materials; fastening of all wooden, plastic or composition cleats to iron or any other material for accessories.
- (cc) The erection of cooling towers and tanks.
- (dd) The setting, lining, leveling and bracing of all embedded plates, rails and angles. The setting of all stay in place forms.
- (ee) Environmental: Clean room, any type of environmental chamber, walk in refrigerated coolers and all refrigerated rooms or buildings.



## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

---

## ***Informational Sheet: Prevailing Wages on State Projects***

---

---

### **CARPENTER CRAFT JURISDICTION**

---

#### **PILE DRIVING AND CAISSON DRILLING**

(ff) All unloading, handling, signaling and driving of piles, whether wood, steel, pipe, beam pile, composite, concrete or molded in place, wood and steel sheeting, cofferdam work, trestle work, dock work, floating derricks, caisson work, foundation work, bridge work, whether old or new, crib work, pipe line work and submarine work. Cutting of all wood, steel or concrete pile, whether by machine or hand; welding and cutting, peeling, and heading of all wood pile, steel sheeting and wood sheeting. The erecting and dismantling of all pile driving rigs, also derricks whether on land or water; also the moving, shoring and underpinning of all buildings. The loading and unloading of all derricks, cranes and pile driving materials. The tending, maintenance and operation of all valves pertaining to the operation of driving of pile. All diving and tending essential to the completion of jurisdictional claims.

All work done in the established yards of the Company and all work not enumerated above, shall be handled and manned as the Employer decides.

The pile driver will unload all material shipped in by rail from the point that the rail car is spotted.

All cleaning and preparation of all piling prior to driving.

The welding and attachment of all boot plates, pile points, splice plates, connectors, rock crosses, driving crosses, driving rigs, point reinforcements and overboots.

The construction, reconstruction, repair, alteration, demolition and partial or complete removal of all marine work including, but not limited to, docks, piers, wharves, quays, jetties, cribs, causeways, breakwaters, lighthouses and permanent buoys, etc. (mixing and placing of concrete excepted).

The driving and pulling of all wood, steel and concrete foundation piles and sheet piling.

The heading, pointing, splicing, cutting and welding of all piles.

The placing of all wales, bolts, studs, lagging, rods and washers including the cutting, drilling, boring or breaking of all holes or openings thereof.

The removal of all materials and/or obstructions of any nature (rip-rap included) that retard or interfere with the driving of piles or with the placing of wales, bolts and rods.



## STATE OF MICHIGAN

### Wage and Hour Division

P.O. Box 30476 • Lansing, Michigan 48909-7976

Toll Free: 1-855-4MI-WAGE (1-855-464-9243)

[www.michigan.gov/wagehour](http://www.michigan.gov/wagehour)

---

### ***Informational Sheet: Prevailing Wages on State Projects***

---

---

## **CARPENTER CRAFT JURISDICTION**

---

This is to be subject to the discretion of the contractor who may choose to use blasting specialists or other demolition specialists.

The handling on the job of all materials used in the work.

The manning of all floating equipment (towing equipment excepted) engaged in the work enumerated, including deck engines, except machinery manned by Operating Engineers.

The placing of all rip-rap, fill stone, bedding stone, cover stone and concrete blocks in connection with marine construction. Work normally performed by Employers, such as soil tests, shoring, underpinning of buildings, cribbing, driving of sheet piling, marine divers, tenders, underwater construction workers and similar operations shall continue to be included in the jurisdiction of this Agreement.

All burning, cutting, welding and fabrication of pipe, H-beams, sheet pile (metal or wood), done on the job site or in the yard of the Employer shall be done by pile drivers. The driving of bearing piles, sheet piling with heavy equipment, caissons, pile caps, auger drilling and boring, the setting up for load testing for any type of piling, all layout and spotting for piling, caisson and boring work, all earth retention, ditch boarding, installing tiebacks.

### **ASBESTOS ABATEMENT CARPENTERS**

- (gg) All erection and maintenance of barriers and partitions used in the removing of asbestos or any abatement work. The abatement of any materials previously installed by the carpenter such as transite, ceiling and floor tiles. All operating and maintaining of current equipment used in any abatement work.

# State of Michigan

WHPWRequest@michigan.gov

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

## Livingston County

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 1 of 45

| Classification                                                                             |             | Last Updated | Straight Time and Hourly | a Double Half Time | Overtime Provision      |
|--------------------------------------------------------------------------------------------|-------------|--------------|--------------------------|--------------------|-------------------------|
| Name                                                                                       | Description |              |                          |                    |                         |
| <b>Asbestos &amp; Lead Abatement Laborer</b>                                               |             |              |                          |                    |                         |
| MLDC                                                                                       |             | 9/7/2017     |                          |                    |                         |
| Asbestos & Lead Abatement Laborer                                                          |             |              | \$41.30                  | \$55.23            | \$69.16 H H H X X X D Y |
| <b>Apprentice Rates:</b>                                                                   |             |              |                          |                    |                         |
| Trainee 600 hours + 1 calendar year                                                        |             |              | \$30.22                  | \$33.28            | \$41.73                 |
| <i>comment</i>                                                                             |             |              |                          |                    |                         |
| 4 ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days |             |              |                          |                    |                         |

## Asbestos, Lead and Mold Abatement, Hazardous Material Handler

|                                                                                               |  |           |         |         |                         |
|-----------------------------------------------------------------------------------------------|--|-----------|---------|---------|-------------------------|
| AS207                                                                                         |  | 3/27/2017 |         |         |                         |
| Asbestos, Lead and Mold Abatement, Hazardous Material Handler                                 |  |           | \$40.75 | \$54.25 | \$67.75 H H H X X X D Y |
| <i>comment</i>                                                                                |  |           |         |         |                         |
| Four ten hour days @ straight time allowed Monday-Saturday, must be consecutive calendar days |  |           |         |         |                         |

## Boilermaker

|                          |  |           |         |         |                          |
|--------------------------|--|-----------|---------|---------|--------------------------|
| BO169                    |  | 2/17/2015 |         |         |                          |
| Boilermaker              |  |           | \$54.70 | \$81.08 | \$107.45 H H H H H H D Y |
| <b>Apprentice Rates:</b> |  |           |         |         |                          |
| 1st 6 months             |  |           | \$40.31 | \$59.49 | \$78.67                  |
| 2nd 6 months             |  |           | \$41.45 | \$61.21 | \$80.95                  |
| 3rd 6 months             |  |           | \$42.57 | \$62.88 | \$83.19                  |
| 4th 6 months             |  |           | \$43.69 | \$64.57 | \$85.43                  |
| 5th 6 months             |  |           | \$44.81 | \$66.24 | \$87.67                  |
| 6th 6 months             |  |           | \$48.63 | \$72.50 | \$96.36                  |
| 7th 6 months             |  |           | \$49.32 | \$73.01 | \$96.69                  |
| 8th 6 months             |  |           | \$51.58 | \$76.40 | \$101.21                 |

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 2 of 45

| Classification    | Name                         | Description                                                                                                                                                                     | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|-------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|
| <b>Bricklayer</b> |                              |                                                                                                                                                                                 |              |                 |               |               |                    |
|                   | BR9-14-BL                    |                                                                                                                                                                                 | 11/4/2016    |                 |               |               |                    |
|                   | Bricklayer                   |                                                                                                                                                                                 |              | \$54.12         | \$69.62       | \$85.12       | H H H H H H H D Y  |
|                   |                              | <b>Apprentice Rates:</b>                                                                                                                                                        |              |                 |               |               |                    |
|                   |                              | 0-749 hours                                                                                                                                                                     |              | \$40.64         | \$49.72       | \$58.81       |                    |
|                   |                              | 750-1499 hours                                                                                                                                                                  |              | \$42.32         | \$52.24       | \$62.17       |                    |
|                   |                              | 1500-2249 hours                                                                                                                                                                 |              | \$44.01         | \$54.77       | \$65.55       |                    |
|                   |                              | 2250-2999 hours                                                                                                                                                                 |              | \$45.70         | \$57.31       | \$68.93       |                    |
|                   |                              | 3000-3749 hours                                                                                                                                                                 |              | \$47.38         | \$59.83       | \$72.29       |                    |
|                   |                              | 3750-4499 hours                                                                                                                                                                 |              | \$49.06         | \$62.35       | \$75.65       |                    |
|                   |                              | 4500-5249 hours                                                                                                                                                                 |              | \$50.75         | \$64.89       | \$79.03       |                    |
|                   |                              | 5250-6000 hours                                                                                                                                                                 |              | \$52.44         | \$67.42       | \$82.41       |                    |
|                   | <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                      |              |                 |               |               |                    |
|                   |                              | Saturday Four 10s allowed M-F                                                                                                                                                   |              |                 |               |               |                    |
|                   | <u>Subdivision of county</u> | Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including City of Howell), Osceola, Hartland, Cohoctah, Deerfield, and Tyrone |              |                 |               |               |                    |

|  |                                         |                                                                                                                                                                               |           |         |         |         |                   |
|--|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------|---------|-------------------|
|  | BR9-14-S                                |                                                                                                                                                                               | 11/4/2016 |         |         |         |                   |
|  | Pointer, Cleaner, Caulker & Stone Mason |                                                                                                                                                                               |           | \$54.12 | \$69.62 | \$85.12 | H H H H H H H D Y |
|  |                                         | <b>Apprentice Rates:</b>                                                                                                                                                      |           |         |         |         |                   |
|  |                                         | 0-749 hours                                                                                                                                                                   |           | \$42.32 | \$52.24 | \$62.17 |                   |
|  |                                         | 750-1499 hours                                                                                                                                                                |           | \$44.01 | \$54.77 | \$65.55 |                   |
|  |                                         | 1500-2249 hours                                                                                                                                                               |           | \$45.70 | \$57.31 | \$68.93 |                   |
|  |                                         | 2250-2999 hours                                                                                                                                                               |           | \$47.38 | \$59.83 | \$72.29 |                   |
|  |                                         | 3000-3749 hours                                                                                                                                                               |           | \$49.06 | \$62.35 | \$75.65 |                   |
|  |                                         | 3750-4499                                                                                                                                                                     |           | \$50.75 | \$64.89 | \$79.03 |                   |
|  | <i>comment</i>                          |                                                                                                                                                                               |           |         |         |         |                   |
|  |                                         | Saturday makeup day, 4 10s allowed M-F                                                                                                                                        |           |         |         |         |                   |
|  | <u>Subdivision of county</u>            | Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including City of Howell), Osceola, Hartland, Cohoctah, Deerfield, & Tyrone |           |         |         |         |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 3 of 45

| Classification | Name       | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------------|-------------|--------------|-----------------|---------------|---------------|--------------------|
| BR9-31         | Bricklayer |             | 11/3/2016    | \$47.60         | \$60.82       | \$74.04       | H H H H H H D Y    |

**Apprentice Rates:**

|                     |         |         |         |
|---------------------|---------|---------|---------|
| 0-749 hours         | \$36.07 | \$43.81 | \$51.55 |
| 750-1,499 hours     | \$37.51 | \$45.97 | \$54.43 |
| 1,500-2,249 hours   | \$38.95 | \$48.13 | \$57.31 |
| 2,250-2,999 hours   | \$40.40 | \$50.30 | \$60.21 |
| 3,000-3,749 hours   | \$41.84 | \$52.46 | \$63.09 |
| 3,750-4,499 hours   | \$43.28 | \$54.62 | \$65.97 |
| 4,500 - 5,249 hours | \$44.72 | \$56.78 | \$68.85 |
| 5,250 - 6,000 hours | \$46.16 | \$58.94 | \$71.73 |

*comment make up day allowed*

Saturday, 4 10s allowed M-F

Subdivision of county Townships of Conway, Handy, Isoco, & Unadilla

|         |                                                                  |  |           |         |         |         |                 |
|---------|------------------------------------------------------------------|--|-----------|---------|---------|---------|-----------------|
| BR9-31S | Stone, Artificial, Cement Masonry, Pointing, Caulking & Cleaning |  | 11/3/2016 | \$47.60 | \$60.82 | \$74.04 | H H H H H H D Y |
|---------|------------------------------------------------------------------|--|-----------|---------|---------|---------|-----------------|

**Apprentice Rates:**

|                 |         |         |         |
|-----------------|---------|---------|---------|
| 0-749 hours     | \$37.51 | \$45.97 | \$54.43 |
| 750-1499 hours  | \$38.95 | \$48.13 | \$57.31 |
| 1500-2249 hours | \$40.40 | \$50.30 | \$60.21 |
| 2250-2999 hours | \$41.84 | \$52.46 | \$63.09 |
| 3000-3749 hours | \$44.72 | \$56.78 | \$68.85 |

*comment*

4 10s allowed M-F

Subdivision of county Hours worked after 10 on Saturday must be paid double for cement masonry Townships of Conway, Handy, Isoco, &

Unadilla

**Carpenter**

|          |       |  |          |         |         |          |                 |
|----------|-------|--|----------|---------|---------|----------|-----------------|
| CA 687 D | Diver |  | 7/5/2017 | \$67.26 | \$87.51 | \$107.76 | X X H X X H D Y |
|----------|-------|--|----------|---------|---------|----------|-----------------|

*comment make up day allowed*

Saturday, Four 10s allowed M-Sat; double time due when over 12 hours worked per day

Subdivision of county includes only townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oseola, Putnam, Tyrone and Unadilla

|           |              |  |          |         |         |         |                 |
|-----------|--------------|--|----------|---------|---------|---------|-----------------|
| CA 687 DT | Diver Tender |  | 7/5/2017 | \$57.74 | \$73.67 | \$89.60 | X X H X X H D Y |
|-----------|--------------|--|----------|---------|---------|---------|-----------------|

*comment make up day allowed*

Saturday

Subdivision of county Townships of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Oseola, Putnam, Tyrone, and Unadilla

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 4 of 45**

| <u>Classification</u>        |                                                                   |              |                 |               |               |                    |  |  |  |
|------------------------------|-------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name                         | Description                                                       | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |  |  |  |
| CA1004FL                     |                                                                   | 7/5/2017     |                 |               |               |                    |  |  |  |
| Floor layer                  |                                                                   |              | \$42.09         | \$53.76       | \$65.42       | X X H H H H H D Y  |  |  |  |
|                              | <b>Apprentice Rates:</b>                                          |              |                 |               |               |                    |  |  |  |
|                              | 1st Year                                                          |              | \$32.76         | \$39.76       | \$46.76       |                    |  |  |  |
|                              | 2nd Year                                                          |              | \$35.09         | \$43.26       | \$51.42       |                    |  |  |  |
|                              | 3rd Year                                                          |              | \$37.42         | \$46.75       | \$56.08       |                    |  |  |  |
|                              | 4th Year                                                          |              | \$38.59         | \$48.50       | \$58.42       |                    |  |  |  |
| <i>comment</i>               | <i>make up day allowed</i>                                        |              |                 |               |               |                    |  |  |  |
|                              | Saturday                                                          |              |                 |               |               |                    |  |  |  |
| <u>Subdivision of county</u> | The townships of Conway, Cochoctah, Handy, Howell, Iosco & Marion |              |                 |               |               |                    |  |  |  |

|                              |                                                            |          |         |         |         |                   |  |  |  |
|------------------------------|------------------------------------------------------------|----------|---------|---------|---------|-------------------|--|--|--|
| CA1004L                      |                                                            | 7/5/2017 |         |         |         |                   |  |  |  |
| Carpenter                    |                                                            |          | \$44.67 | \$57.38 | \$70.08 | X X H H H H H D Y |  |  |  |
|                              | <b>Apprentice Rates:</b>                                   |          |         |         |         |                   |  |  |  |
|                              | 1st Year                                                   |          | \$34.51 | \$42.14 | \$49.76 |                   |  |  |  |
|                              | 2nd Year                                                   |          | \$37.05 | \$45.94 | \$54.84 |                   |  |  |  |
|                              | 3rd Year                                                   |          | \$39.59 | \$49.76 | \$59.92 |                   |  |  |  |
|                              | 4th Year                                                   |          | \$40.86 | \$51.66 | \$62.46 |                   |  |  |  |
| <i>comment</i>               | <i>make up day allowed</i>                                 |          |         |         |         |                   |  |  |  |
|                              | Saturday                                                   |          |         |         |         |                   |  |  |  |
| <u>Subdivision of county</u> | Twps of Conway, Cohoctah, Handy, Howell, Iosco, and Marion |          |         |         |         |                   |  |  |  |

|                                                                                                                                                  |                          |          |         |         |         |                   |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------|---------|---------|---------|-------------------|--|--|--|
| CA1045                                                                                                                                           |                          | 7/5/2017 |         |         |         |                   |  |  |  |
| Carpet and Resilient Floor Layer, (does not include installation of prefabricated formica & parquet flooring which is to be paid carpenter rate) |                          |          | \$51.94 | \$73.28 | \$94.62 | X X H X X X X D Y |  |  |  |
|                                                                                                                                                  | <b>Apprentice Rates:</b> |          |         |         |         |                   |  |  |  |
|                                                                                                                                                  | 1st 6 months             |          | \$25.87 | \$34.92 | \$43.98 |                   |  |  |  |
|                                                                                                                                                  | 2nd 6 months             |          | \$29.86 | \$40.92 | \$51.96 |                   |  |  |  |
|                                                                                                                                                  | 3rd 6 months             |          | \$32.07 | \$44.23 | \$56.38 |                   |  |  |  |
|                                                                                                                                                  | 4th 6 months             |          | \$34.27 | \$47.52 | \$60.78 |                   |  |  |  |
|                                                                                                                                                  | 5th 6 months             |          | \$36.47 | \$50.83 | \$65.18 |                   |  |  |  |
|                                                                                                                                                  | 6th 6 months             |          | \$38.69 | \$54.16 | \$69.62 |                   |  |  |  |
|                                                                                                                                                  | 7th 6 months             |          | \$40.90 | \$57.48 | \$74.04 |                   |  |  |  |
|                                                                                                                                                  | 8th 6 months             |          | \$43.10 | \$60.77 | \$78.44 |                   |  |  |  |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 5 of 45**

| Classification                                                                    | Last                                 | Straight Time and                                                                                       | a Double | Overtime                  |
|-----------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------|----------|---------------------------|
| Name Description                                                                  | Updated                              | Hourly Half                                                                                             | Time     | Provision                 |
| CA687Z2                                                                           | 7/5/2017                             |                                                                                                         |          |                           |
| Carpenter                                                                         |                                      | \$58.62                                                                                                 | \$74.55  | \$90.48 X X H X X H H D Y |
| <b>Apprentice Rates:</b>                                                          |                                      |                                                                                                         |          |                           |
| 1st & 2nd 6 months                                                                |                                      | \$35.89                                                                                                 | \$44.65  | \$53.41                   |
| 3rd 6 months                                                                      |                                      | \$38.43                                                                                                 | \$47.99  | \$57.55                   |
| 4th 6 months                                                                      |                                      | \$40.94                                                                                                 | \$51.29  | \$61.65                   |
| 5th 6 months                                                                      |                                      | \$43.47                                                                                                 | \$54.62  | \$65.77                   |
| 6th 6 months                                                                      |                                      | \$46.01                                                                                                 | \$57.96  | \$69.91                   |
| 7th 6 months                                                                      |                                      | \$48.52                                                                                                 | \$61.27  | \$74.01                   |
| 8th 6 months                                                                      |                                      | \$51.04                                                                                                 | \$64.58  | \$78.12                   |
| <i>comment make up day allowed</i>                                                |                                      |                                                                                                         |          |                           |
| Four 10s allowed Monday thru Saturday; double time due anytime when over 12 hours |                                      |                                                                                                         |          |                           |
| <u>Subdivision of county</u>                                                      | worked per day, Saturdays makeup day | Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla |          |                           |

|                          |          |         |         |                           |
|--------------------------|----------|---------|---------|---------------------------|
| CA687Z2P                 | 7/5/2017 |         |         |                           |
| Piledriver               |          | \$58.62 | \$74.55 | \$90.48 X X H X X H H D Y |
| <b>Apprentice Rates:</b> |          |         |         |                           |
| 1st 6 months             |          | \$35.89 | \$44.65 | \$53.41                   |
| 2nd 6 months             |          | \$40.94 | \$51.29 | \$61.65                   |
| 3rd 6 months             |          | \$46.01 | \$57.96 | \$69.91                   |
| 4th 6 months             |          | \$51.04 | \$64.58 | \$78.12                   |

*comment make up day allowed*  
 Four 10s allowed Monday thru Saturday; double time due when over 12 hours worked  
Subdivision of county per day, Saturday makeup day Twps of Brighton, Deerfield, Genoa, Green Oak, Hamburg, Hartland, Osceola, Putnam, Tyrone, and Unadilla

**Cement Mason**

|                          |           |         |         |                           |
|--------------------------|-----------|---------|---------|---------------------------|
| BR9-14-CM                | 11/4/2016 |         |         |                           |
| Cement Mason             |           | \$50.52 | \$65.28 | \$80.04 X X H X X X H D Y |
| <b>Apprentice Rates:</b> |           |         |         |                           |
| 0-749 hours              |           | \$39.30 | \$48.75 | \$58.21                   |
| 750-1499 hours           |           | \$40.91 | \$51.17 | \$61.43                   |
| 1500-2249 hours          |           | \$42.51 | \$53.57 | \$64.63                   |
| 2250-2999 hours          |           | \$44.11 | \$55.97 | \$67.83                   |
| 3000-3749 hours          |           | \$45.71 | \$58.37 | \$71.03                   |
| 3750-4499 hours          |           | \$47.32 | \$60.79 | \$74.25                   |

*comment*  
 Four 10s allowed M-F  
Subdivision of county Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, Brighton (including City of Brighton), Howell (including the City of Howell), Osceola, Hartland, Cohoctah, Deerfield & Tyrone

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

**Issue Date:** 1/22/2018  
**Contract must be awarded by:** 4/22/2018  
**Page 6 of 45**

Subdivision of county      South of M-59

*comment*      *make up day allowed*

Four 10s allowed Monday-Thursday with Friday or Saturday inclement weather make up

Subdivision of county

days. Saturday hours for inclement weather make up shall be paid straight rate unless

Twps of Deerfield,

over 40 hours worked.

*comment*      *make up day allowed*

Four 10s allowed Monday-Thursday with Friday or Saturday inclement weather make up

Subdivision of county

days. Saturday hours for inclement weather make up shall be paid straight rate unless

Twps of Conway,

over 40 hours worked.

## Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Project Number:

County: Livingston

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 7 of 45**

| <u>Classification</u>                                                            |                                                                                           | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> |                   |
|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------|--------------------------|-----------------|-----------------|-------------------|
| Name                                                                             | Description                                                                               | Updated     | Hourly                   | Half            | Time            | Provision         |
| =====                                                                            |                                                                                           |             |                          |                 |                 |                   |
| ~~~~~                                                                            |                                                                                           |             |                          |                 |                 |                   |
| <b>Drywall</b>                                                                   |                                                                                           |             |                          |                 |                 |                   |
| ~~~~~                                                                            |                                                                                           |             |                          |                 |                 |                   |
| PT-22-D                                                                          |                                                                                           | 8/25/2016   |                          |                 |                 |                   |
| Drywall Taper                                                                    |                                                                                           |             | \$45.91                  | \$59.74         | \$73.56         | H H D H D D D D Y |
|                                                                                  | <b>Apprentice Rates:</b>                                                                  |             |                          |                 |                 |                   |
|                                                                                  | 1st 3 months                                                                              |             | \$32.08                  | \$38.99         | \$45.90         |                   |
|                                                                                  | 2nd 3 months                                                                              |             | \$34.85                  | \$43.14         | \$51.44         |                   |
|                                                                                  | 2nd 6 months                                                                              |             | \$37.62                  | \$47.30         | \$56.98         |                   |
|                                                                                  | 3rd 6 months                                                                              |             | \$40.38                  | \$51.44         | \$62.50         |                   |
|                                                                                  | 4th 6 months                                                                              |             | \$41.76                  | \$53.51         | \$65.26         |                   |
| <br><i>comment make up day allowed</i>                                           |                                                                                           |             |                          |                 |                 |                   |
| Four 10s allowed Monday-Thursday, Friday make-up day for bad weather or holidays |                                                                                           |             |                          |                 |                 |                   |
| <u>Subdivision of county</u>                                                     | Townships of Deerfield, Tyrone, Oceola, Hartland, Genoa, Hamburg, Green Oak and Brighton. |             |                          |                 |                 |                   |

|                            |                          |          |         |         |         |                   |
|----------------------------|--------------------------|----------|---------|---------|---------|-------------------|
| PT-845-DF                  |                          | 6/2/2016 |         |         |         |                   |
| Drywall Taper and Finisher |                          |          | \$38.89 | \$51.89 | \$64.89 | H H H H H H H D N |
|                            | <b>Apprentice Rates:</b> |          |         |         |         |                   |
|                            | 0 - 1,000 hours          |          | \$27.19 | \$34.34 | \$41.49 |                   |
|                            | 1,001 - 2,000 hours      |          | \$28.49 | \$36.29 | \$44.09 |                   |
|                            | 2,001 to 3,000 hours     |          | \$30.57 | \$39.41 | \$48.25 |                   |
|                            | 3,001 to 4,000 hours     |          | \$32.39 | \$42.14 | \$51.89 |                   |
|                            | 4,001 to 5,000 hours     |          | \$34.99 | \$46.04 | \$57.09 |                   |
|                            | 5,001 to 6,000 hours     |          | \$37.59 | \$49.94 | \$62.29 |                   |

**Electrician**

|                                         |                          |           |         |         |          |                   |
|-----------------------------------------|--------------------------|-----------|---------|---------|----------|-------------------|
| EC-252-IW                               |                          | 6/19/2017 |         |         |          |                   |
| Journeyman Electrician - Inside Wireman |                          |           | \$64.91 | \$87.73 | \$110.55 | H H D H D D D D N |
|                                         | <b>Apprentice Rates:</b> |           |         |         |          |                   |
|                                         | 1st Period               |           | \$36.91 | \$45.73 | \$54.55  |                   |
|                                         | 2nd Period               |           | \$42.08 | \$53.48 | \$64.89  |                   |
|                                         | 3rd Period               |           | \$46.65 | \$60.34 | \$74.03  |                   |
|                                         | 4th Period               |           | \$51.21 | \$67.18 | \$83.15  |                   |
|                                         | 5th Period               |           | \$55.78 | \$74.04 | \$92.29  |                   |
|                                         | 6th Period               |           | \$60.33 | \$80.86 | \$101.39 |                   |

Subdivision of county Townships of Unadilla, Putnam, Hamburg, and Green Oak ONLY.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 8 of 45

| <u>Classification</u> |                                               |              |                 |               |               |                    |  |  |  |
|-----------------------|-----------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name                  | Description                                   | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |  |  |  |
| EC-252-SC             |                                               | 6/19/2017    |                 |               |               |                    |  |  |  |
|                       | Sound and Communications Installer/Technician |              | \$43.64         | \$58.71       | \$73.78       | H H D H D D D D N  |  |  |  |
|                       | <b>Apprentice Rates:</b>                      |              |                 |               |               |                    |  |  |  |
|                       | Period 1                                      |              | \$24.60         | \$32.15       | \$39.68       |                    |  |  |  |
|                       | Period 2                                      |              | \$26.10         | \$34.39       | \$42.68       |                    |  |  |  |
|                       | Period 3                                      |              | \$27.61         | \$36.66       | \$45.70       |                    |  |  |  |
|                       | Period 4                                      |              | \$29.13         | \$38.93       | \$48.74       |                    |  |  |  |
|                       | Period 5                                      |              | \$34.60         | \$45.15       | \$55.70       |                    |  |  |  |
|                       | Period 6                                      |              | \$37.62         | \$49.69       | \$61.74       |                    |  |  |  |
|                       | Period 7                                      |              | \$40.63         | \$54.19       | \$67.76       |                    |  |  |  |
|                       | Period 8                                      |              | \$42.15         | \$56.47       | \$70.80       |                    |  |  |  |

Subdivision of county Unadilla, Putnam, Hamburg & Green Oak townships

|          |                                         |          |         |         |          |                   |  |  |  |
|----------|-----------------------------------------|----------|---------|---------|----------|-------------------|--|--|--|
| EC-58-IW |                                         | 7/5/2017 |         |         |          |                   |  |  |  |
|          | Journeyman Electrician - Inside Wireman |          | \$64.02 | \$84.47 | \$104.91 | H H H H H H H D N |  |  |  |
|          | <b>Apprentice Rates:</b>                |          |         |         |          |                   |  |  |  |
|          | 0-1000 hours                            |          | \$42.08 | \$51.55 | \$61.03  |                   |  |  |  |
|          | 1000-2000 hours                         |          | \$44.07 | \$54.54 | \$65.01  |                   |  |  |  |
|          | 2000-3500 hours                         |          | \$46.07 | \$57.54 | \$69.01  |                   |  |  |  |
|          | 3500-5000 hours                         |          | \$48.07 | \$60.54 | \$73.00  |                   |  |  |  |
|          | 5000-6500 hours                         |          | \$50.06 | \$63.52 | \$76.98  |                   |  |  |  |
|          | 6500-8000 hours                         |          | \$54.05 | \$69.52 | \$84.97  |                   |  |  |  |

Subdivision of county Townships of Deerfield, Tyrone, Hartland, Oceola, Genoa and Brighton ONLY

|          |                                   |          |         |         |         |                   |  |  |  |
|----------|-----------------------------------|----------|---------|---------|---------|-------------------|--|--|--|
| EC-58-SC |                                   | 7/5/2017 |         |         |         |                   |  |  |  |
|          | Sound and Communication Installer |          | \$40.35 | \$54.45 | \$68.55 | H H H H H H H D N |  |  |  |
|          | <b>Apprentice Rates:</b>          |          |         |         |         |                   |  |  |  |
|          | Period 1                          |          | \$26.75 | \$34.05 | \$41.35 |                   |  |  |  |
|          | Period 2                          |          | \$28.11 | \$36.09 | \$44.07 |                   |  |  |  |
|          | Period 3                          |          | \$29.47 | \$38.13 | \$46.79 |                   |  |  |  |
|          | Period 4                          |          | \$30.83 | \$40.17 | \$49.51 |                   |  |  |  |
|          | Period 5                          |          | \$32.19 | \$42.21 | \$52.23 |                   |  |  |  |
|          | Period 6                          |          | \$33.55 | \$44.25 | \$54.95 |                   |  |  |  |

Subdivision of county the townships of Deerfield, Tyrone, Hartland, Oceola, Genoa, & Brighton

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 9 of 45

| Classification<br>Name | Description                             | Last<br>Updated | Straight Time and<br>Hourly | Half    | a Double<br>Time | Overtime<br>Provision |
|------------------------|-----------------------------------------|-----------------|-----------------------------|---------|------------------|-----------------------|
| EC-665-IW              |                                         | 6/7/2017        |                             |         |                  |                       |
|                        | Journeyman Electrician - Inside Wireman |                 | \$57.39                     | \$75.68 | \$93.97          | H H D H H H D D Y     |
|                        | <b>Apprentice Rates:</b>                |                 |                             |         |                  |                       |
|                        | 0-1000 hours                            |                 | \$32.68                     | \$41.83 | \$50.97          |                       |
|                        | 1000-2000 hours                         |                 | \$34.51                     | \$44.57 | \$54.63          |                       |
|                        | 2000-3500 hours                         |                 | \$36.33                     | \$47.30 | \$58.27          |                       |
|                        | 3500-5000 hours                         |                 | \$40.34                     | \$52.23 | \$64.12          |                       |
|                        | 5000-6500 hours                         |                 | \$42.17                     | \$54.97 | \$67.78          |                       |
|                        | 6500-8000 hours                         |                 | \$43.99                     | \$57.71 | \$71.42          |                       |

*comment*

A four day schedule of ten hours a day is allowed Monday thru Friday.

Subdivision of county Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

|           |                                    |          |         |         |         |                   |
|-----------|------------------------------------|----------|---------|---------|---------|-------------------|
| EC-665-SD |                                    | 6/7/2017 |         |         |         |                   |
|           | Sound and Communication Journeyman |          | \$45.23 | \$59.38 | \$73.53 | H H D H H H D D Y |
|           | <b>Apprentice Rates:</b>           |          |         |         |         |                   |
|           | 1st period                         |          | \$26.07 | \$33.15 | \$40.23 |                   |
|           | 2nd period                         |          | \$27.98 | \$35.77 | \$43.55 |                   |
|           | 3rd period                         |          | \$29.88 | \$38.37 | \$46.86 |                   |
|           | 4th period                         |          | \$31.81 | \$41.01 | \$50.21 |                   |
|           | 5th period                         |          | \$33.72 | \$43.63 | \$53.53 |                   |
|           | 6th period                         |          | \$35.64 | \$46.25 | \$56.86 |                   |

*comment*

A four day schedule of ten hours a day is allowed Monday thru Friday. On 4 ten hour

Subdivision of county days, time and one half after ten hours. Double time starts after the 12th hour. Conway, Cohoctah, Handy, Howell, Iosco & Marion townships

**Elevator Constructor**

|       |                               |          |         |  |          |                   |
|-------|-------------------------------|----------|---------|--|----------|-------------------|
| EL-85 |                               | 4/8/2013 |         |  |          |                   |
|       | Elevator Constructor Mechanic |          | \$70.77 |  | \$116.32 | D D D D D D D D Y |
|       | <b>Apprentice Rates:</b>      |          |         |  |          |                   |
|       | 1st year                      |          | \$50.27 |  | \$75.32  |                   |
|       | 2nd year                      |          | \$54.83 |  | \$84.44  |                   |
|       | 3rd year                      |          | \$57.10 |  | \$88.98  |                   |
|       | 4th year                      |          | \$61.66 |  | \$98.10  |                   |

*comment*

4 tens allowed M-TH

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 10 of 45

| <u>Classification</u> |             | Last    | Straight Time and | a Double | Overtime |           |
|-----------------------|-------------|---------|-------------------|----------|----------|-----------|
| Name                  | Description | Updated | Hourly            | Half     | Time     | Provision |

Glazier

GL-357 8/24/2016 \$49.50 \$65.23 \$80.95 H H H H H H H D Y  
Glazier

Apprentice Rates:

|              |         |         |         |
|--------------|---------|---------|---------|
| 1st 6 months | \$33.77 | \$41.63 | \$49.49 |
| 2nd 6 months | \$35.35 | \$44.00 | \$52.65 |
| 3rd 6 months | \$38.49 | \$48.71 | \$58.93 |
| 4th 6 months | \$40.06 | \$51.07 | \$62.07 |
| 5th 6 months | \$41.64 | \$53.43 | \$65.23 |
| 6th 6 months | \$43.21 | \$55.79 | \$68.37 |
| 7th 6 months | \$44.78 | \$58.15 | \$71.51 |
| 8th 6 months | \$47.93 | \$62.87 | \$77.81 |

comment

If a four 10 hour day workweek is scheduled, four 10s must be consecutive, M-F.

Subdivision of county Eastern half including the City of Howell.

GL-826 6/3/2016 \$44.78 \$60.87 \$76.95 H H H H H H H D Y  
Glazier

Apprentice Rates:

|              |         |         |         |
|--------------|---------|---------|---------|
| 1st 6 months | \$31.91 | \$41.57 | \$51.21 |
| 2nd 6 months | \$33.52 | \$43.98 | \$54.43 |
| 3rd 6 months | \$35.12 | \$46.38 | \$57.63 |
| 4th 6 months | \$36.74 | \$48.81 | \$60.87 |
| 5th 6 months | \$38.35 | \$51.22 | \$64.09 |
| 6th 6 months | \$39.96 | \$53.64 | \$67.31 |
| 7th 6 months | \$41.57 | \$56.05 | \$70.53 |
| 8th 6 months | \$43.17 | \$58.45 | \$73.73 |

comment

4 tens allowed on consecutive days

Subdivision of county western half of county including City of Howell

Heat and Frost Insulator

AS25S 3/31/2017 \$29.04 \$42.35 X X X H H H H H N  
Spray Insulation - Qualified Senior Sprayer, application of all products

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Statewide

Official Rate Schedule

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 11 of 45

| Classification |             | Last Updated | Straight Time and Hourly | a Double Half Time | Overtime Provision |
|----------------|-------------|--------------|--------------------------|--------------------|--------------------|
| Name           | Description |              |                          |                    |                    |

**Heat and Frost Insulator and Asbestos Worker**

AS47 7/25/2017  
Heat and Frost Insulator and Asbestos Worker \$47.75 \$63.01 \$78.27 H H H H H H H D Y

**Apprentice Rates:**

|          |         |         |         |
|----------|---------|---------|---------|
| 1st year | \$27.88 | \$35.51 | \$43.14 |
| 2nd year | \$31.85 | \$41.00 | \$50.16 |
| 3rd year | \$35.82 | \$46.50 | \$57.18 |
| 4th year | \$39.80 | \$52.01 | \$64.22 |
| 5th year | \$43.78 | \$57.51 | \$71.25 |

*comment make up day allowed*  
Friday for cancelled work in a four 10 hour schedule

**Ironworker**

IR-25-F2 3/31/2017  
Fence, Sound Barrier & Guardrail erection/installation and Exterior Signage work \$31.95 \$42.05 \$52.15 X X H X X X H D Y

**Apprentice Rates:**

|           |         |         |         |
|-----------|---------|---------|---------|
| 60% Level | \$22.99 | \$29.05 | \$35.11 |
| 65% Level | \$24.11 | \$30.68 | \$37.24 |
| 70% Level | \$25.24 | \$32.31 | \$39.38 |
| 75% Level | \$26.35 | \$33.92 | \$41.50 |
| 80% Level | \$27.47 | \$35.55 | \$43.63 |
| 85% Level | \$28.59 | \$37.18 | \$45.76 |

*comment*  
Four ten hour work days may be worked during Monday-Saturday.

IR-25-GZ2 7/5/2017  
Siding, Glazing, Curtain Wall \$48.13 \$59.92 \$71.70 X X H H H H D D Y

**Apprentice Rates:**

|         |         |         |         |
|---------|---------|---------|---------|
| Level 1 | \$31.20 | \$37.93 | \$44.65 |
| Level 2 | \$33.31 | \$40.67 | \$48.02 |
| Level 3 | \$35.42 | \$43.41 | \$51.39 |
| Level 4 | \$37.54 | \$46.16 | \$54.77 |
| Level 5 | \$39.66 | \$48.92 | \$58.17 |
| Level 6 | \$41.78 | \$51.67 | \$61.55 |

*comment make up day allowed*  
Friday, 4 tens may be worked Monday thru Thursday @ straight time.

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 12 of 45

| Classification<br>Name | Description                                          | Last<br>Updated | Straight Time and<br>Hourly | Half    | a Double<br>Time | Overtime<br>Provision |
|------------------------|------------------------------------------------------|-----------------|-----------------------------|---------|------------------|-----------------------|
| IR-25-PE-Z1            |                                                      | 3/31/2017       |                             |         |                  |                       |
|                        | Pre-engineered Metal Work                            |                 | \$48.09                     | \$58.86 | \$69.63          | X X H X X X X D Y     |
|                        | <b>Apprentice Rates:</b>                             |                 |                             |         |                  |                       |
|                        | Probation 1st Year                                   |                 | \$26.83                     | \$32.03 | \$37.23          |                       |
|                        | 1st Level                                            |                 | \$28.96                     | \$34.92 | \$40.88          |                       |
|                        | 2nd Level                                            |                 | \$28.96                     | \$34.92 | \$40.88          |                       |
|                        | 3rd Level                                            |                 | \$31.08                     | \$37.79 | \$44.50          |                       |
|                        | 4th Level                                            |                 | \$33.21                     | \$40.68 | \$48.15          |                       |
|                        | 5th Level                                            |                 | \$35.33                     | \$43.55 | \$51.77          |                       |
|                        | 6th Level                                            |                 | \$37.46                     | \$46.43 | \$55.41          |                       |
|                        | <i>comment make up day allowed</i>                   |                 |                             |         |                  |                       |
|                        | 4 tens allowed M-Th with Saturday make up day        |                 |                             |         |                  |                       |
|                        | <u>Subdivision of county</u> East of Burkhardt Road. |                 |                             |         |                  |                       |

|             |                                                     |           |         |         |         |                   |
|-------------|-----------------------------------------------------|-----------|---------|---------|---------|-------------------|
| IR-25-PE-Z2 |                                                     | 3/31/2017 |         |         |         |                   |
|             | Pre-engineered Metal Work                           |           | \$45.87 | \$56.03 | \$66.19 | X X H X X X X D Y |
|             | <b>Apprentice Rates:</b>                            |           |         |         |         |                   |
|             | Probation 1st Year                                  |           | \$26.83 | \$32.03 | \$37.23 |                   |
|             | 1st Level                                           |           | \$28.96 | \$34.92 | \$40.88 |                   |
|             | 2nd Level                                           |           | \$28.96 | \$34.92 | \$40.88 |                   |
|             | 3rd Level                                           |           | \$31.08 | \$37.79 | \$44.50 |                   |
|             | 4th Level                                           |           | \$33.21 | \$40.68 | \$48.15 |                   |
|             | 5th Level                                           |           | \$35.33 | \$43.55 | \$51.77 |                   |
|             | 6th Level                                           |           | \$37.46 | \$46.43 | \$55.41 |                   |
|             | <i>comment make up day allowed</i>                  |           |         |         |         |                   |
|             | 4 tens allowed M-Th with Saturday make up day       |           |         |         |         |                   |
|             | <u>Subdivision of county</u> West of Burkhardt Road |           |         |         |         |                   |

|          |                            |          |         |         |          |                   |
|----------|----------------------------|----------|---------|---------|----------|-------------------|
| IR-25-RF |                            | 7/5/2017 |         |         |          |                   |
|          | Reinforced Iron Work       |          | \$57.30 | \$85.66 | \$114.02 | H H D H D D D D N |
|          | <b>Apprentice Rates:</b>   |          |         |         |          |                   |
|          | Level 1                    |          | \$40.32 | \$59.89 | \$79.46  |                   |
|          | Level 2                    |          | \$42.68 | \$63.43 | \$84.18  |                   |
|          | Level 3                    |          | \$45.22 | \$67.24 | \$89.26  |                   |
|          | Level 4                    |          | \$47.75 | \$71.04 | \$94.32  |                   |
|          | Level 5                    |          | \$50.29 | \$74.84 | \$99.40  |                   |
|          | Level 6                    |          | \$50.29 | \$74.84 | \$99.40  |                   |
|          | <i>make up day allowed</i> |          |         |         |          |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 13 of 45**

| <u>Classification</u>                       |                                                                                                                                                                                                                                                    |              |                 |               |               |                    |  |  |  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name                                        | Description                                                                                                                                                                                                                                        | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |  |  |  |
| IR-25-RIG                                   |                                                                                                                                                                                                                                                    | 7/5/2017     |                 |               |               |                    |  |  |  |
| Rigging Work                                |                                                                                                                                                                                                                                                    |              | \$63.51         | \$95.00       | \$126.49      | H H H H H H D N    |  |  |  |
|                                             | <b>Apprentice Rates:</b>                                                                                                                                                                                                                           |              |                 |               |               |                    |  |  |  |
|                                             | Level 1 & 2                                                                                                                                                                                                                                        |              | \$38.22         | \$56.16       | \$74.85       |                    |  |  |  |
|                                             | Level 3                                                                                                                                                                                                                                            |              | \$41.05         | \$61.54       | \$82.01       |                    |  |  |  |
|                                             | Level 4                                                                                                                                                                                                                                            |              | \$43.87         | \$65.76       | \$87.65       |                    |  |  |  |
|                                             | Level 5                                                                                                                                                                                                                                            |              | \$46.70         | \$70.01       | \$93.31       |                    |  |  |  |
|                                             | Level 6                                                                                                                                                                                                                                            |              | \$49.53         | \$74.25       | \$98.97       |                    |  |  |  |
| IR-25-SD                                    |                                                                                                                                                                                                                                                    | 7/5/2017     |                 |               |               |                    |  |  |  |
| Decking                                     |                                                                                                                                                                                                                                                    |              | \$55.47         | \$82.87       | \$110.26      | X X H H H H D D Y  |  |  |  |
|                                             | <i>comment make up day allowed</i>                                                                                                                                                                                                                 |              |                 |               |               |                    |  |  |  |
|                                             | 4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. |              |                 |               |               |                    |  |  |  |
| IR-25-STR                                   |                                                                                                                                                                                                                                                    | 7/5/2017     |                 |               |               |                    |  |  |  |
| Structural, ornamental, welder and pre-cast |                                                                                                                                                                                                                                                    |              | \$63.64         | \$95.12       | \$126.60      | H H H H H H D D Y  |  |  |  |
|                                             | <b>Apprentice Rates:</b>                                                                                                                                                                                                                           |              |                 |               |               |                    |  |  |  |
|                                             | Levels 1 & 2                                                                                                                                                                                                                                       |              | \$38.22         | \$56.99       | \$75.75       |                    |  |  |  |
|                                             | Level 3                                                                                                                                                                                                                                            |              | \$41.05         | \$61.24       | \$81.41       |                    |  |  |  |
|                                             | Level 4                                                                                                                                                                                                                                            |              | \$43.87         | \$65.46       | \$87.05       |                    |  |  |  |
|                                             | Level 5                                                                                                                                                                                                                                            |              | \$46.70         | \$69.71       | \$92.71       |                    |  |  |  |
|                                             | Level 6                                                                                                                                                                                                                                            |              | \$49.53         | \$73.95       | \$98.37       |                    |  |  |  |
|                                             | Level 7                                                                                                                                                                                                                                            |              | \$52.35         | \$78.18       | \$104.01      |                    |  |  |  |
|                                             | Level 8                                                                                                                                                                                                                                            |              | \$55.18         | \$82.43       | \$109.67      |                    |  |  |  |
|                                             | <i>comment make up day allowed</i>                                                                                                                                                                                                                 |              |                 |               |               |                    |  |  |  |
|                                             | 4 tens may be worked Monday thru Thursday @ straight time. If bad weather, Friday may be a make up day. If holiday celebrated on a Monday, 4 10s may be worked Tuesday thru Friday. Work in excess of 12 hours per day must be paid @ double time. |              |                 |               |               |                    |  |  |  |
| IR-25-STR-D                                 |                                                                                                                                                                                                                                                    | 7/5/2017     |                 |               |               |                    |  |  |  |
| Industrial Door erection & construction     |                                                                                                                                                                                                                                                    |              | \$43.74         | \$65.27       | \$86.80       | H H H H H H D D Y  |  |  |  |
|                                             | <i>comment make up day allowed</i>                                                                                                                                                                                                                 |              |                 |               |               |                    |  |  |  |
|                                             | Friday for bad weather when 4 tens scheduled for M-Th. If holiday celebrated on M, 4 tens may be worked T-F. Work in excess of 12 hours per day must be paid @ double time.                                                                        |              |                 |               |               |                    |  |  |  |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 14 of 45**

| Classification | Name | Description                                                                                                                                                                                                                                                                            | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision        |
|----------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|---------|---------------|---------------------------|
| <b>Laborer</b> |      |                                                                                                                                                                                                                                                                                        |              |                          |         |               |                           |
| L1076-A-A      |      |                                                                                                                                                                                                                                                                                        | 5/31/2017    |                          |         |               |                           |
|                |      | Construction laborer, demolition laborer, mason tender, carpenter tender, drywall handler, concrete laborer, concrete chute and concrete bucket handler, and cement finisher tender, wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator |              | \$44.76                  | \$63.69 | \$82.61       | H H H H H H H D Y         |
|                |      | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                               |              |                          |         |               |                           |
|                |      | 0-1,000 work hours                                                                                                                                                                                                                                                                     |              | \$38.67                  | \$54.55 | \$70.43       |                           |
|                |      | 1,001-2,000 work hours                                                                                                                                                                                                                                                                 |              | \$39.89                  | \$56.38 | \$72.87       |                           |
|                |      | 2,001-3,000 work hours                                                                                                                                                                                                                                                                 |              | \$41.11                  | \$58.21 | \$75.31       |                           |
|                |      | 3,001-4,000 work hours                                                                                                                                                                                                                                                                 |              | \$43.54                  | \$61.86 | \$80.17       |                           |
|                |      | <i>comment make up day allowed</i>                                                                                                                                                                                                                                                     |              |                          |         |               |                           |
|                |      | If conditions beyond the employer/employee's control prevent one or more hours of                                                                                                                                                                                                      |              |                          |         |               |                           |
|                |      | <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time                                                                                                                                                                       |              |                          |         |               | North of M-59 and East of |
|                |      | Oak Grove Road.                                                                                                                                                                                                                                                                        |              |                          |         |               |                           |
|                |      | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                           |              |                          |         |               |                           |
| L1076-A-B      |      |                                                                                                                                                                                                                                                                                        | 5/31/2017    |                          |         |               |                           |
|                |      | Signal man (on sewer and caisson work); air, electric or gasoline tool operator (including concrete vibrator operator, acetylene torch and air hammer operator); Scaffold builder; Caisson worker                                                                                      |              | \$45.04                  | \$64.11 | \$83.17       | H H H H H H H D Y         |
|                |      | <i>comment make up day allowed</i>                                                                                                                                                                                                                                                     |              |                          |         |               |                           |
|                |      | If conditions beyond the employer/employee's control prevent one or more hours of                                                                                                                                                                                                      |              |                          |         |               |                           |
|                |      | <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time                                                                                                                                                                       |              |                          |         |               | North of M-59 and East of |
|                |      | Oak Grove Road.                                                                                                                                                                                                                                                                        |              |                          |         |               |                           |
|                |      | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                           |              |                          |         |               |                           |
| L1076-A-C      |      |                                                                                                                                                                                                                                                                                        | 5/31/2017    |                          |         |               |                           |
|                |      | Lansing burner, blaster and powder man; air, electric or gasoline tool operator (Blast Furnace work or Battery Work)                                                                                                                                                                   |              | \$45.55                  | \$64.87 | \$84.19       | H H H H H H H D Y         |
|                |      | <i>comment make up day allowed</i>                                                                                                                                                                                                                                                     |              |                          |         |               |                           |
|                |      | If conditions beyond the employer/employee's control prevent one or more hours of                                                                                                                                                                                                      |              |                          |         |               |                           |
|                |      | <u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time                                                                                                                                                                       |              |                          |         |               | North of M-59 and East of |
|                |      | Oak Grove Road.                                                                                                                                                                                                                                                                        |              |                          |         |               |                           |
|                |      | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                           |              |                          |         |               |                           |
| L1076-A-D      |      |                                                                                                                                                                                                                                                                                        | 5/31/2017    |                          |         |               |                           |
|                |      | Furnace battery heater tenders, burning bar and oxy-acetylene gun                                                                                                                                                                                                                      |              | \$45.28                  | \$62.67 | \$80.10       | H H H H H H H D Y         |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 15 of 45**

| Classification                                                                                                                                     |                                                                                                                                                                                                                                                                                 | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|---------------|---------------------------|
| Name                                                                                                                                               | Description                                                                                                                                                                                                                                                                     |              |                          |               |                           |
| =====                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |
|                                                                                                                                                    | <i>comment      make up day allowed</i><br>If conditions beyond the employer/employee's control prevent one or more hours of<br><u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time      North of M-59 and East of |              |                          |               |                           |
| Oak Grove Road.                                                                                                                                    | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                    |              |                          |               |                           |
| -----                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |
| L1076-A-E                                                                                                                                          |                                                                                                                                                                                                                                                                                 | 6/2/2017     |                          |               |                           |
| Cleaner/sweeper laborer, furniture laborer - unloading of furniture to the point of installation, the setting in place or relocation of furniture. |                                                                                                                                                                                                                                                                                 |              | \$39.31                  | \$55.51       | \$71.71 H H H H H H D Y   |
|                                                                                                                                                    | <i>comment      make up day allowed</i><br>If conditions beyond the employer/employee's control prevent one or more hours of<br><u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time      North of M-59 and East of |              |                          |               |                           |
| Oak Grove Road.                                                                                                                                    | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                    |              |                          |               |                           |
| -----                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |
| L1076-A-F                                                                                                                                          |                                                                                                                                                                                                                                                                                 | 6/2/2017     |                          |               |                           |
| Expediter man, top and/or bottom man (Blast Furnace work or Battery Work)                                                                          |                                                                                                                                                                                                                                                                                 |              | \$46.07                  | \$65.65       | \$85.23 H H H H H H D Y   |
|                                                                                                                                                    | <i>comment      make up day allowed</i><br>If conditions beyond the employer/employee's control prevent one or more hours of<br><u>Subdivision of county</u> working during Mon-Fri, the employer may choose to work up to 10 hour straight time      North of M-59 and East of |              |                          |               |                           |
| Oak Grove Road                                                                                                                                     | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time.                                                                                    |              |                          |               |                           |
| -----                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |
| L499-A-A                                                                                                                                           |                                                                                                                                                                                                                                                                                 | 7/21/2017    |                          |               |                           |
| Laborer, demolition, drywall handlers, general jobsite cleanup                                                                                     |                                                                                                                                                                                                                                                                                 |              | \$43.15                  | \$57.50       | \$71.85 X X H H H H H D Y |
|                                                                                                                                                    | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                        |              |                          |               |                           |
|                                                                                                                                                    | 0-1,000 hours                                                                                                                                                                                                                                                                   |              | \$37.03                  | \$48.32       | \$59.61                   |
|                                                                                                                                                    | 1,001-2,000 hours                                                                                                                                                                                                                                                               |              | \$38.25                  | \$50.15       | \$62.05                   |
|                                                                                                                                                    | 2,001-3,000 hours                                                                                                                                                                                                                                                               |              | \$39.47                  | \$51.98       | \$64.49                   |
|                                                                                                                                                    | 3,001-4,000 hours                                                                                                                                                                                                                                                               |              | \$41.93                  | \$55.67       | \$69.41                   |
|                                                                                                                                                    | <i>comment      make up day allowed</i><br>Saturday<br><u>Subdivision of county</u> Area within M-59 north boundary, OakGrove Rd on west, south from Howell to and including Pinckney                                                                                           |              |                          |               |                           |
| -----                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |
| L499-A-ACTA                                                                                                                                        |                                                                                                                                                                                                                                                                                 | 7/21/2017    |                          |               |                           |
| Wall and ceiling material handler, plasterer tender, mortar mixer and plastering machine operator                                                  |                                                                                                                                                                                                                                                                                 |              | \$45.60                  | \$64.90       | \$84.20 H H H H H H H D Y |
|                                                                                                                                                    | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                        |              |                          |               |                           |
|                                                                                                                                                    | 0 - 1,000 hours                                                                                                                                                                                                                                                                 |              | \$39.16                  | \$55.24       | \$71.32                   |
|                                                                                                                                                    | 1,001 - 2,000 hours                                                                                                                                                                                                                                                             |              | \$40.65                  | \$57.48       | \$74.30                   |
|                                                                                                                                                    | 2,001 - 3,000 hours                                                                                                                                                                                                                                                             |              | \$41.89                  | \$59.34       | \$76.78                   |
|                                                                                                                                                    | 3,001 - 4,000 hours                                                                                                                                                                                                                                                             |              | \$44.36                  | \$63.04       | \$81.72                   |
| =====                                                                                                                                              |                                                                                                                                                                                                                                                                                 |              |                          |               |                           |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 16 of 45**

| <u>Classification</u>                                                                                                             |                                                                                     | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision          |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|--------------------------|---------------|-----------------------------|
| Name                                                                                                                              | Description                                                                         |              |                          |               |                             |
| =====                                                                                                                             |                                                                                     |              |                          |               |                             |
| <i>comment</i>                                                                                                                    | <i>make up day allowed</i>                                                          |              |                          |               |                             |
| If conditions beyond the employer/employee's control prevent one or more hours of                                                 |                                                                                     |              |                          |               |                             |
| <u>Subdivision of county</u>                                                                                                      | working during Mon-Fri, the employer may choose to work up to 10 hour straight time |              |                          |               | Boundary M-59 on the North, |
| Pinckney Road                                                                                                                     | and Dexter- Pinckney Road on                                                        |              |                          |               |                             |
| weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of the West, South of Howell to and including Pinckney |                                                                                     |              |                          |               |                             |
| reaching 40 hours @ straight time. Make up days may also include 8 hours of work on                                               |                                                                                     |              |                          |               |                             |
| Saturdays @ straight time.                                                                                                        |                                                                                     |              |                          |               |                             |

|                                                                        |           |         |         |         |                   |
|------------------------------------------------------------------------|-----------|---------|---------|---------|-------------------|
| L499-A-B                                                               | 7/21/2017 |         |         |         |                   |
| Mortar Mixers, Material Mixer (whether done by hand or machine), Air,  |           | \$43.36 | \$57.82 | \$72.27 | X X H H H H H D Y |
| Gas, Electric, Tool Operators, Power Buggy Operators, Stone Setter,    |           |         |         |         |                   |
| Tenders, Scaffold Builders or Dismantlers, Windlass Operators, Tar and |           |         |         |         |                   |
| Kettle Operators.                                                      |           |         |         |         |                   |

**Apprentice Rates:**

|                   |         |         |         |
|-------------------|---------|---------|---------|
| 0-1,000 hours     | \$37.18 | \$48.55 | \$59.91 |
| 1,001-2,000 hours | \$38.42 | \$50.41 | \$62.39 |
| 2,001-3,000 hours | \$39.65 | \$52.25 | \$64.85 |
| 3,001-4,000 hours | \$42.12 | \$55.95 | \$69.79 |

*comment* *make up day allowed*

Saturday

Subdivision of county

Boundary M-59 on the North, Pinckney Road and Dexter-Pinckney Road on the West, South of Howell to and including Pinckney

|                                         |           |         |         |         |                   |
|-----------------------------------------|-----------|---------|---------|---------|-------------------|
| L499-A-B2                               | 7/21/2017 |         |         |         |                   |
| Jack hammering and chipping on concrete |           | \$43.66 | \$58.27 | \$72.87 | X X H H H H H D Y |

**Apprentice Rates:**

|                   |         |         |         |
|-------------------|---------|---------|---------|
| 0-1,000 hours     | \$37.41 | \$48.89 | \$60.37 |
| 1,001-2,000 hours | \$38.66 | \$50.77 | \$62.87 |
| 2,001-3,000 hours | \$39.91 | \$52.64 | \$65.37 |
| 3,001-4,000 hours | \$42.41 | \$56.39 | \$70.37 |

*comment* *make up day allowed*

Saturday

Subdivision of county

South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

|                                       |           |         |         |         |                   |
|---------------------------------------|-----------|---------|---------|---------|-------------------|
| L499-A-C                              | 7/21/2017 |         |         |         |                   |
| Crock or pipe laborer, caisson worker |           | \$43.48 | \$58.00 | \$72.51 | X X H H H H H D Y |

**Apprentice Rates:**

|                   |         |         |         |
|-------------------|---------|---------|---------|
| 0-1,000 hours     | \$37.27 | \$48.68 | \$60.09 |
| 1,001-2,000 hours | \$38.51 | \$50.54 | \$62.57 |
| 2,001-3,000 hours | \$39.76 | \$52.41 | \$65.07 |
| 3,001-4,000 hours | \$42.24 | \$56.13 | \$70.03 |

*comment* *make up day allowed*

Saturday

Subdivision of county

South of M-59, east of Oak Grove Rd, south from Howell to and including Pinckney

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 17 of 45

| Classification |                                                                                                                                                                                                                                            |                                                                                      |                 |               |               |                    |  |  |  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------|---------------|---------------|--------------------|--|--|--|
| Name           | Description                                                                                                                                                                                                                                | Last Updated                                                                         | Straight Hourly | Time and Half | a Double Time | Overtime Provision |  |  |  |
| L499-A-D       |                                                                                                                                                                                                                                            | 7/21/2017                                                                            |                 |               |               |                    |  |  |  |
|                | Watchmen, Civil Engineer Helpers, or Rodmen                                                                                                                                                                                                |                                                                                      | \$42.33         | \$56.27       | \$70.21       | X X H H H H H D Y  |  |  |  |
|                | <b>Apprentice Rates:</b>                                                                                                                                                                                                                   |                                                                                      |                 |               |               |                    |  |  |  |
|                | 0-1,000 hours                                                                                                                                                                                                                              |                                                                                      | \$36.41         | \$47.39       | \$58.37       |                    |  |  |  |
|                | 1,001-2,000 hours                                                                                                                                                                                                                          |                                                                                      | \$37.59         | \$49.16       | \$60.73       |                    |  |  |  |
|                | 2,001-3,000 hours                                                                                                                                                                                                                          |                                                                                      | \$38.78         | \$50.95       | \$63.11       |                    |  |  |  |
|                | 3,001-4,000 hours                                                                                                                                                                                                                          |                                                                                      | \$41.15         | \$54.50       | \$67.85       |                    |  |  |  |
| <i>comment</i> | <i>make up day allowed</i>                                                                                                                                                                                                                 |                                                                                      |                 |               |               |                    |  |  |  |
|                | Saturday                                                                                                                                                                                                                                   |                                                                                      |                 |               |               |                    |  |  |  |
|                | <u>Subdivision of county</u>                                                                                                                                                                                                               | South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney |                 |               |               |                    |  |  |  |
| L499-A-E       |                                                                                                                                                                                                                                            | 7/21/2017                                                                            |                 |               |               |                    |  |  |  |
|                | Final cleaning: washing or cleaning of walls, partitions, ceilings, windows, bathrooms, kitchens, laboratories and all fixtures and facilities therein. Clean-up mopping, washing, waxing and polishing or dusting of all floors or areas. |                                                                                      | \$40.06         | \$52.87       | \$65.67       | X X H H H H H D Y  |  |  |  |
|                | <b>Apprentice Rates:</b>                                                                                                                                                                                                                   |                                                                                      |                 |               |               |                    |  |  |  |
|                | 0-1,000 work hours                                                                                                                                                                                                                         |                                                                                      | \$34.71         | \$44.84       | \$54.97       |                    |  |  |  |
|                | 1,001-2,000 work hours                                                                                                                                                                                                                     |                                                                                      | \$35.78         | \$46.45       | \$57.11       |                    |  |  |  |
|                | 2,001-3,000 work hours                                                                                                                                                                                                                     |                                                                                      | \$36.85         | \$48.05       | \$59.25       |                    |  |  |  |
|                | 3,001-4,000 work hours                                                                                                                                                                                                                     |                                                                                      | \$38.99         | \$51.26       | \$63.53       |                    |  |  |  |
| <i>comment</i> | <i>make up day allowed</i>                                                                                                                                                                                                                 |                                                                                      |                 |               |               |                    |  |  |  |
|                | Saturday                                                                                                                                                                                                                                   |                                                                                      |                 |               |               |                    |  |  |  |
|                | <u>Subdivision of county</u>                                                                                                                                                                                                               | South of M-59, east of Oak Grove Rd, and south from Howell to and including Pinckney |                 |               |               |                    |  |  |  |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 18 of 45**

| Classification               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|---------|---------------|--------------------|
| Name                         | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                          |         |               |                    |
| L499L                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5/31/2017    |                          |         |               |                    |
|                              | Journey person - building and heavy construction craft Laborer, portable concrete mixer operators (14 horsepower and under), air, electric or gasoline tool operators, hot dope carriers, tar kettle tenders, gasoline vibrators, concrete gas buggies, concrete saw, signal person and top person on sewer, caisson construction (open cut work), concrete shovelers, car pushers and bottom person (on sewer work). Demolition Laborer, three inch (3'') pumps and below, jobsite clean-up, deep cleaning, and when full-time fire watch is required by the Contractor signatory to this Agreement, the Laborers' will be utilized to supply the fire watch, jackhammer operators, burner, crock layers (or pipe layers), caisson workers, tunnel muckers and tunnel miners, welder, mason tender, mortar mixer, scaffold builders, forklift operator (masonry only), helpers and tenders on work customarily performed by Laborers and all Laborers working for masonry Contractors and plasterer tenders |              | \$36.72                  | \$48.55 | \$60.37       | X X H H H H H D Y  |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                          |         |               |                    |
|                              | 0-1,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | \$30.81                  | \$39.68 | \$48.55       |                    |
|                              | 1,001-2,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | \$31.99                  | \$41.45 | \$50.91       |                    |
|                              | 2,001-3,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | \$33.17                  | \$43.22 | \$53.27       |                    |
|                              | 3,001-4,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              | \$35.54                  | \$46.77 | \$58.01       |                    |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                          |         |               |                    |
| <u>Saturday</u>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                          |         |               |                    |
| <u>Subdivision of county</u> | West of Oak Grove Rd to west Pinckney Rd and Dexter Pinckney Rd including the city of Howell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                          |         |               |                    |
| L499LG                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5/31/2017    |                          |         |               |                    |
|                              | Ground Burner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | \$37.22                  | \$49.30 | \$61.37       | X X H H H H H D Y  |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                          |         |               |                    |
| <u>Saturday</u>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                          |         |               |                    |
| <u>Subdivision of county</u> | W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including the City of Howell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |                          |         |               |                    |
| L499LH                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5/31/2017    |                          |         |               |                    |
|                              | High Burner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              | \$37.72                  | \$50.05 | \$62.37       | X X H H H H H D Y  |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                          |         |               |                    |
| <u>Saturday</u>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |                          |         |               |                    |
| <u>Subdivision of county</u> | W of Oak Grove Rd to W Pinckney Rd and Dexter Pinckney Rd including City of Howell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                          |         |               |                    |
| LPT-1                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6/17/2016    |                          |         |               |                    |
|                              | Plasterer Tender, Plastering Machine Operator                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              | \$44.35                  | \$63.10 | \$81.85       | H H H H H H H D Y  |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                          |         |               |                    |
|                              | 1,001 - 2,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | \$39.53                  | \$55.87 | \$72.21       |                    |
|                              | 2,001 - 3,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | \$40.73                  | \$57.67 | \$74.61       |                    |
|                              | 3,001 - 4,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | \$43.15                  | \$61.30 | \$79.45       |                    |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 19 of 45**

| Classification | Name                                                                                                                                                                                         | Description                                                                         | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|--------------------------|---------------|--------------------|
| =====          |                                                                                                                                                                                              |                                                                                     |              |                          |               |                    |
| <i>comment</i> | <i>make up day allowed</i>                                                                                                                                                                   |                                                                                     |              |                          |               |                    |
|                | f conditions beyond the employer/employee's control prevent one or more hours of                                                                                                             |                                                                                     |              |                          |               |                    |
|                | <u>Subdivision of county</u>                                                                                                                                                                 | working during Mon-Fri, the employer may choose to work up to 10 hour straight time |              |                          |               |                    |
|                | North of M-59 & east of Oak                                                                                                                                                                  |                                                                                     |              |                          |               |                    |
|                | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of reaching 40 hours @ straight time. Make up days may also include 8 hours of work on Saturdays @ straight time. |                                                                                     |              |                          |               |                    |

|                                               |                     |         |         |         |                   |  |
|-----------------------------------------------|---------------------|---------|---------|---------|-------------------|--|
| LPT-2                                         | 6/17/2016           |         |         |         |                   |  |
| Plasterer Tender, Plastering Machine Operator |                     | \$45.18 | \$64.31 | \$83.44 | H H H H H H H D Y |  |
| <b>Apprentice Rates:</b>                      |                     |         |         |         |                   |  |
|                                               | 0 - 1,000 hours     | \$38.77 | \$54.70 | \$70.62 |                   |  |
|                                               | 1,001 - 2,000 hours | \$40.30 | \$56.99 | \$73.68 |                   |  |
|                                               | 2,001 - 3,000 hours | \$41.52 | \$58.82 | \$76.12 |                   |  |
|                                               | 3,001 - 4,000 hours | \$43.96 | \$62.48 | \$81.00 |                   |  |

|                |                                                                                     |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| <i>comment</i> | <i>make up day allowed</i>                                                          |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                | If conditions beyond the employer/employee's control prevent one or more hours of   |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                | <u>Subdivision of county</u>                                                        | working during Mon-Fri, the employer may choose to work up to 10 hour straight time south of M-59 & east of Oak |  |  |  |  |  |  |  |  |  |
| Grove Rd.      |                                                                                     |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                |                                                                                     |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                |                                                                                     |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                |                                                                                     |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                | weekdays. Work may be scheduled up to 10 hours per Mon-Fri for the purpose of       |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                | reaching 40 hours @ straight time. Make up days may also include 8 hours of work on |                                                                                                                 |  |  |  |  |  |  |  |  |  |
|                | Saturdays @ straight time.                                                          |                                                                                                                 |  |  |  |  |  |  |  |  |  |

**Laborer - Hazardous**

|                                                                         |                        |         |         |         |                   |  |
|-------------------------------------------------------------------------|------------------------|---------|---------|---------|-------------------|--|
| LHAZ-Z2-A                                                               | 11/13/2017             |         |         |         |                   |  |
| Class A Laborer - performing work in conjunction with site preparation  |                        | \$44.76 | \$63.69 | \$82.61 | H H H H H H H D Y |  |
| and other preliminary work prior to actual removal, handling, or        |                        |         |         |         |                   |  |
| containment of hazardous waste substances not requiring use of          |                        |         |         |         |                   |  |
| personal protective equipment required by state or federal regulations; |                        |         |         |         |                   |  |
| or a laborer performing work in conjunction with the removal, handling, |                        |         |         |         |                   |  |
| or containment of hazardous waste substances when used of personal      |                        |         |         |         |                   |  |
| protective equipment level "D" is required.                             |                        |         |         |         |                   |  |
| <b>Apprentice Rates:</b>                                                |                        |         |         |         |                   |  |
|                                                                         | 0-1,000 work hours     | \$38.67 | \$54.55 | \$70.43 |                   |  |
|                                                                         | 1,001-2,000 work hours | \$39.89 | \$56.38 | \$72.87 |                   |  |
|                                                                         | 2,001-3,000 work hours | \$41.11 | \$58.21 | \$75.31 |                   |  |
|                                                                         | 3,001-4,000 work hours | \$43.54 | \$61.86 | \$80.17 |                   |  |

|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| <i>comment</i>               | <i>make up day allowed</i>                                                           |
|                              | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                       |
| <u>Subdivision of county</u> | the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south. |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted**  
**on the construction site, in a conspicuous place, a copy**  
**of all prevailing wage and fringe benefit rates**  
**prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 20 of 45**

| <u>Classification</u>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>Last</u>    | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> |                  |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|-----------------|-----------------|------------------|
| <u>Name</u>                  | <u>Description</u>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>Updated</u> | <u>Hourly</u>            | <u>Half</u>     | <u>Time</u>     | <u>Provision</u> |
| <hr/>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                          |                 |                 |                  |
| LHAZ-Z2-B                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11/13/2017     |                          |                 |                 |                  |
|                              | Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.                                                                                                                                                                                                                                                |                | \$45.76                  | \$65.19         | \$84.61         | H H H H H H D Y  |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                          |                 |                 |                  |
|                              | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | \$39.42                  | \$55.68         | \$71.93         |                  |
|                              | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$40.69                  | \$57.58         | \$74.47         |                  |
|                              | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$41.96                  | \$59.48         | \$77.01         |                  |
|                              | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$44.49                  | \$63.28         | \$82.07         |                  |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                          |                 |                 |                  |
|                              | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                  |
| <u>Subdivision of county</u> | the Northeast portion, bordered by Oak Grove Road on the west and M-59 on the south                                                                                                                                                                                                                                                                                                                                                                        |                |                          |                 |                 |                  |
| <hr/>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                          |                 |                 |                  |
| LHAZ-Z3-A                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11/13/2017     |                          |                 |                 |                  |
|                              | Class A performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulations; or a laborer performing work in conjunction with the removal, handling, or containment of hazardous waste substances when use of personal protective equipment level "D" is required. |                | \$43.15                  | \$61.68         | \$80.20         | H H H H H H D Y  |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                          |                 |                 |                  |
|                              | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | \$37.03                  | \$52.50         | \$67.96         |                  |
|                              | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$38.25                  | \$54.33         | \$70.40         |                  |
|                              | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$39.47                  | \$56.16         | \$72.84         |                  |
|                              | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$41.93                  | \$59.85         | \$77.76         |                  |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                          |                 |                 |                  |
|                              | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                  |
| <u>Subdivision of county</u> | the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59.                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                  |
| <hr/>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |                          |                 |                 |                  |
| LHAZ-Z3-B                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11/13/2017     |                          |                 |                 |                  |
|                              | Class B performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required.                                                                                                                                                                                                                                                          |                | \$44.15                  | \$63.30         | \$82.45         | H H H H H H D Y  |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                          |                 |                 |                  |
|                              | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                         |                | \$37.77                  | \$53.73         | \$69.69         |                  |
|                              | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$39.05                  | \$55.65         | \$72.25         |                  |
|                              | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$40.33                  | \$57.57         | \$74.81         |                  |
|                              | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                     |                | \$42.87                  | \$61.38         | \$79.89         |                  |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                          |                 |                 |                  |
|                              | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                  |
| <u>Subdivision of county</u> | the Southeastern part, east of Oak Grove Road, excluding the city of Howell and South of M-59.                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                  |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 21 of 45**

| <u>Classification</u>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <u>Last</u>    | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> |                   |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|-----------------|-----------------|-------------------|
| <u>Name</u>                  | <u>Description</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <u>Updated</u> | <u>Hourly</u>            | <u>Half</u>     | <u>Time</u>     | <u>Provision</u>  |
| <hr/>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |                          |                 |                 |                   |
| LHAZ-Z6-A                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11/13/2017     |                          |                 |                 |                   |
|                              | Class A Laborer - performing work in conjunction with site preparation and other preliminary work prior to actual removal, handling, or containment of hazardous waste substances not requiring use of personal protective equipment required by state or federal regulations; or a laborer performing work in conjunction with the removal, handling, or containment of hazardous waste substances when use of personal protective equipment level "D" is required. |                | \$36.72                  | \$52.05         | \$67.37         | H H H H H H H D Y |
|                              | <b>Apprentice Rates:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                |                          |                 |                 |                   |
|                              | 0-1,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                | \$30.81                  | \$43.18         | \$55.55         |                   |
|                              | 1,001-2,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                               |                | \$31.99                  | \$44.95         | \$57.91         |                   |
|                              | 2,001-3,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                               |                | \$33.17                  | \$46.72         | \$60.27         |                   |
|                              | 3,001-4,000 work hours                                                                                                                                                                                                                                                                                                                                                                                                                                               |                | \$35.54                  | \$50.27         | \$65.01         |                   |
| <i>comment</i>               | <i>make up day allowed</i>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                |                          |                 |                 |                   |
|                              | 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                                                                                                                                                                                                                                                                                                                                                                                                       |                |                          |                 |                 |                   |
| <i>Subdivision of county</i> | the western part, west of Oak Grove Road; the entire city of Howell                                                                                                                                                                                                                                                                                                                                                                                                  |                |                          |                 |                 |                   |

|                                                                                                   |                                                                                                                                                                                                             |            |         |         |         |                   |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|-------------------|
| LHAZ-Z6-B                                                                                         |                                                                                                                                                                                                             | 11/13/2017 |         |         |         |                   |
|                                                                                                   | Class B Laborer - performing work in conjunction with the removal, handling, or containment of hazardous waste substances when the use of personal protective equipment levels "A", "B" or "C" is required. |            | \$37.72 | \$53.55 | \$69.37 | H H H H H H H D Y |
| <b>Apprentice Rates:</b>                                                                          |                                                                                                                                                                                                             |            |         |         |         |                   |
|                                                                                                   | 0-1,000 work hours                                                                                                                                                                                          |            | \$31.56 | \$44.31 | \$57.05 |                   |
|                                                                                                   | 1,001-2,000 work hours                                                                                                                                                                                      |            | \$32.79 | \$46.15 | \$59.51 |                   |
|                                                                                                   | 2,001-3,000 work hours                                                                                                                                                                                      |            | \$34.02 | \$47.99 | \$61.97 |                   |
|                                                                                                   | 3,001-4,000 work hours                                                                                                                                                                                      |            | \$36.49 | \$51.70 | \$66.91 |                   |
| <i>comment make up day allowed</i>                                                                |                                                                                                                                                                                                             |            |         |         |         |                   |
| 4 10s allowed M-Th or T-F; inclement weather makeup day Friday                                    |                                                                                                                                                                                                             |            |         |         |         |                   |
| <u>Subdivision of county</u> the western part, west of Oak Grove Road; the entire city of Howell. |                                                                                                                                                                                                             |            |         |         |         |                   |

**Laborer Underground - Open Cut, Class VI**

|                          |                                                                                                                                                                                                                                                                     |          |         |         |         |                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|
| LAUC-Z2-6                |                                                                                                                                                                                                                                                                     | 9/7/2017 |         |         |         |                   |
|                          | Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation and repair of water service pipe and appurtenances. |          | \$34.32 | \$44.90 | \$55.47 | X X X X X X X D Y |
| <b>Apprentice Rates:</b> |                                                                                                                                                                                                                                                                     |          |         |         |         |                   |
|                          | 0-1,000 work hours                                                                                                                                                                                                                                                  |          | \$29.74 | \$38.03 | \$46.31 |                   |
|                          | 1,001-2,000 work hours                                                                                                                                                                                                                                              |          | \$30.66 | \$39.41 | \$48.15 |                   |
|                          | 2,001-3,000 work hours                                                                                                                                                                                                                                              |          | \$31.58 | \$40.79 | \$49.99 |                   |
|                          | 3,001-4,000 work hours                                                                                                                                                                                                                                              |          | \$33.40 | \$43.52 | \$53.63 |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 22 of 45**

| <u>Classification</u> |             | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|-----------------------|-------------|--------------|--------------------------|---------------|--------------------|
| Name                  | Description |              |                          |               |                    |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

|                                                                                                                                                                                                                                                                |          |         |         |         |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-----------------|
| LAUC-Z3-6                                                                                                                                                                                                                                                      | 9/7/2017 |         |         |         |                 |
| Grouting man, top man assistant, audio visual television operations and all other operations in connection with closed circuit television inspection, pipe cleaning and pipe relining work and the installation & repair of water service pipe & appurtenances |          | \$32.51 | \$42.19 | \$51.85 | X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$28.39 | \$36.01 | \$43.61 |
| 1,001-2,000 work hours | \$29.21 | \$37.23 | \$45.25 |
| 2,001-3,000 work hours | \$30.04 | \$38.48 | \$46.91 |
| 3,001-4,000 work hours | \$31.69 | \$40.95 | \$50.21 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**Laborer Underground - Open Cut, Class I**

|                          |          |         |         |         |                 |
|--------------------------|----------|---------|---------|---------|-----------------|
| LAUC-Z2-1                | 9/7/2017 |         |         |         |                 |
| Construction Laborer     |          | \$36.57 | \$48.28 | \$59.97 | X X X X X X D Y |
| <b>Apprentice Rates:</b> |          |         |         |         |                 |
| 0-1,000 work hours       |          | \$31.43 | \$40.57 | \$49.69 |                 |
| 1,001-2,000 work hours   |          | \$32.46 | \$42.11 | \$51.75 |                 |
| 2,001-3,000 work hours   |          | \$33.49 | \$43.65 | \$53.81 |                 |
| 3,001-4,000 work hours   |          | \$35.54 | \$46.73 | \$57.91 |                 |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

|                          |          |         |         |         |                 |
|--------------------------|----------|---------|---------|---------|-----------------|
| LAUC-Z3-1                | 9/7/2017 |         |         |         |                 |
| Construction Laborer     |          | \$34.76 | \$45.56 | \$56.35 | X X X X X X D Y |
| <b>Apprentice Rates:</b> |          |         |         |         |                 |
| 0-1,000 work hours       |          | \$30.08 | \$38.54 | \$46.99 |                 |
| 1,001-2,000 work hours   |          | \$31.01 | \$39.93 | \$48.85 |                 |
| 2,001-3,000 work hours   |          | \$31.95 | \$41.35 | \$50.73 |                 |
| 3,001-4,000 work hours   |          | \$33.82 | \$44.15 | \$54.47 |                 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date:** 1/22/2018

**Contract must be awarded by:** 4/22/2018

**Page 23 of 45**

| <u>Classification</u> |             | Last    | Straight Time and | a Double | Overtime |           |
|-----------------------|-------------|---------|-------------------|----------|----------|-----------|
| Name                  | Description | Updated | Hourly            | Half     | Time     | Provision |

**~~~~~**  
**Laborer Underground - Open Cut, Class II**  
**~~~~~**

|                                                                                                                                                                                                         |          |         |         |         |                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|--|
| LAUC-Z2-2                                                                                                                                                                                               | 9/7/2017 |         |         |         |                   |  |
| Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector. |          | \$36.68 | \$48.44 | \$60.19 | X X X X X X X D Y |  |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.52 | \$40.70 | \$49.87 |
| 1,001-2,000 work hours | \$32.55 | \$42.25 | \$51.93 |
| 2,001-3,000 work hours | \$33.58 | \$43.79 | \$53.99 |
| 3,001-4,000 work hours | \$35.65 | \$46.89 | \$58.13 |

Subdivision of county East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

|                                                                                                                                                                                                         |          |         |         |         |                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|--|
| LAUC-Z3-2                                                                                                                                                                                               | 9/7/2017 |         |         |         |                   |  |
| Mortar and material mixer, concrete form man, signal man, well point man, manhole, headwall and catch basin builder, guard rail builders, headwall, seawall, breakwall, dock builder and fence erector. |          | \$34.90 | \$45.93 | \$56.95 | X X X X X X X D Y |  |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$30.18 | \$38.85 | \$47.51 |
| 1,001-2,000 work hours | \$31.12 | \$40.26 | \$49.39 |
| 2,001-3,000 work hours | \$32.07 | \$41.69 | \$51.29 |
| 3,001-4,000 work hours | \$33.96 | \$44.52 | \$55.07 |

Subdivision of county West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**~~~~~**  
**Laborer Underground - Open Cut, Class III**  
**~~~~~**

|                                                                                                                                                                                                                                                                                                                                                                                              |          |         |         |         |                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|--|
| LAUC-Z2-3                                                                                                                                                                                                                                                                                                                                                                                    | 9/7/2017 |         |         |         |                   |  |
| Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger man, and directional boring man. |          | \$36.80 | \$48.62 | \$60.43 | X X X X X X X D Y |  |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.60 | \$40.82 | \$50.03 |
| 1,001-2,000 work hours | \$32.64 | \$42.38 | \$52.11 |
| 2,001-3,000 work hours | \$33.68 | \$43.94 | \$54.19 |
| 3,001-4,000 work hours | \$35.76 | \$47.06 | \$58.35 |

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
  
Project Number:  
County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 24 of 45**

| Classification   | Last    | Straight Time and | a Double | Overtime  |
|------------------|---------|-------------------|----------|-----------|
| Name Description | Updated | Hourly Half       | Time     | Provision |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

LAUC-Z3-3

9/7/2017

Air, gasoline and electric tool operator, vibrator operator, drillers, pump man, tar kettle operator, bracers, rodder, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars, etc.), cement finisher, welder, pipe jacking and boring man, wagon drill and air track operator and concrete saw operator (under 40 h.p.), windlass and tugger man, and directional boring man.

\$35.02 \$45.95 \$56.87 X X X X X X D Y

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$30.27 | \$38.83 | \$47.37 |
| 1,001-2,000 work hours | \$31.22 | \$40.25 | \$49.27 |
| 2,001-3,000 work hours | \$32.17 | \$41.67 | \$51.17 |
| 3,001-4,000 work hours | \$34.07 | \$44.53 | \$54.97 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**~~~~~  
Laborer Underground - Open Cut, Class IV  
~~~~~**

LAUC-Z2-4

9/7/2017

Trench or excavating grade man.

\$36.87 \$48.73 \$60.57 X X X X X X D Y

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$31.66 | \$40.91 | \$50.15 |
| 1,001-2,000 work hours | \$32.70 | \$42.47 | \$52.23 |
| 2,001-3,000 work hours | \$33.74 | \$44.03 | \$54.31 |
| 3,001-4,000 work hours | \$35.83 | \$47.17 | \$58.49 |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

LAUC-Z3-4

9/7/2017

Trench or excavating grade man.

\$35.07 \$46.03 \$56.97 X X X X X X D Y

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$30.31 | \$38.89 | \$47.45 |
| 1,001-2,000 work hours | \$31.26 | \$40.31 | \$49.35 |
| 2,001-3,000 work hours | \$32.21 | \$41.73 | \$51.25 |
| 3,001-4,000 work hours | \$34.12 | \$44.60 | \$55.07 |

Official Request #: 97
Requestor: Fowlerville Community Schools
Project Description: District Wide Technology Installation

Project Number:
County: Livingston

Official Rate Schedule
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 26 of 45

| <u>Classification</u> | | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|-----------------------|-------------|--------------|--------------------------|---------------|--------------------|
| Name | Description | | | | |

Subdivision of county

East of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Pinckney.

| | | | | | |
|---|----------|---------|---------|---------|-----------------|
| LAUC-Z3-7 | 9/7/2017 | | | | |
| Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes, flagstones etc. | | \$29.66 | \$37.91 | \$46.15 | X X X X X X D Y |

Apprentice Rates:

| | | | |
|------------------------|---------|---------|---------|
| 0-1,000 work hours | \$26.25 | \$32.79 | \$39.33 |
| 1,001-2,000 work hours | \$26.93 | \$33.81 | \$40.69 |
| 2,001-3,000 work hours | \$27.61 | \$34.83 | \$42.05 |
| 3,001-4,000 work hours | \$28.98 | \$36.89 | \$44.79 |

Subdivision of county

West of Oak Grove Road, Pinckney Road and Dexter Pinckney Road. City of Howell.

**~~~~~
Laborer Underground - Tunnel, Shaft & Caisson
~~~~~**

|                                                                                                                          |          |         |         |         |                 |
|--------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-----------------|
| LAUCT-Z2-1                                                                                                               | 9/7/2017 |         |         |         |                 |
| Class I - Tunnel, shaft and caisson laborer, dump man, shanty man, hog house tender, testing man (on gas), and watchman. |          | \$36.82 | \$48.70 | \$60.57 | X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.52 | \$40.75 | \$49.97 |
| 1,001-2,000 work hours | \$32.58 | \$42.34 | \$52.09 |
| 2,001-3,000 work hours | \$33.64 | \$43.93 | \$54.21 |
| 3,001-4,000 work hours | \$35.76 | \$47.11 | \$58.45 |

|                                                                                                                                         |          |         |         |         |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-----------------|
| LAUCT-Z2-2                                                                                                                              | 9/7/2017 |         |         |         |                 |
| Class II - Manhole, headwall, catch basin builder, bricklayer tender, mortar man, material mixer, fence erector, and guard rail builder |          | \$36.91 | \$48.83 | \$60.75 | X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.58 | \$40.84 | \$50.09 |
| 1,001-2,000 work hours | \$32.65 | \$42.45 | \$52.23 |
| 2,001-3,000 work hours | \$33.71 | \$44.03 | \$54.35 |
| 3,001-4,000 work hours | \$35.84 | \$47.23 | \$58.61 |

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
  
Project Number:  
County: Livingston

**Official Rate Schedule**  
**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 27 of 45

| Classification | Name | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|
| LAUCT-Z2-3     |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9/7/2017     |                 |               |               |                    |
|                |      | Class III - Air tool operator (jack hammer man, bush hammer man and grinding man), first bottom man, second bottom man, cage tender, car pusher, carrier man, concrete man, concrete form man, concrete repair man, cement invert laborer, cement finisher, concrete shoveler, conveyor man, floor man, gasoline and electric tool operator, gunnite man, grout operator, welder, heading dinky man, inside lock tender, pea gravel operator, pump man, outside lock tender, scaffold man, top signal man, switch man, track man, tugger man, utility man, vibrator man, winch operator, pipe jacking man, wagon drill and air track operator and concrete saw operator (under 40 h.p.). |              | \$37.01         | \$48.98       | \$60.95       | X X X X X X X D Y  |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.66 | \$40.96 | \$50.25 |
| 1,001-2,000 work hours | \$32.73 | \$42.57 | \$52.39 |
| 2,001-3,000 work hours | \$33.80 | \$44.17 | \$54.53 |
| 3,001-4,000 work hours | \$35.94 | \$47.38 | \$58.81 |

|            |  |                                                                                                                      |          |         |         |         |                   |
|------------|--|----------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|
| LAUCT-Z2-4 |  |                                                                                                                      | 9/7/2017 |         |         |         |                   |
|            |  | Class IV - Tunnel, shaft and caisson mucker, bracer man, liner plate man, long haul dinky driver and well point man. |          | \$37.17 | \$49.22 | \$61.27 | X X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.78 | \$41.14 | \$50.49 |
| 1,001-2,000 work hours | \$32.86 | \$42.76 | \$52.65 |
| 2,001-3,000 work hours | \$33.93 | \$44.37 | \$54.79 |
| 3,001-4,000 work hours | \$36.09 | \$47.61 | \$59.11 |

|            |  |                                                                                                                                                                         |          |         |         |         |                   |
|------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-------------------|
| LAUCT-Z2-5 |  |                                                                                                                                                                         | 9/7/2017 |         |         |         |                   |
|            |  | Class V - Tunnel, shaft and caisson miner, drill runner, keyboard operator, power knife operator, reinforced steel or mesh man (e.g. wire mesh, steel mats, dowel bars) |          | \$37.43 | \$49.62 | \$61.79 | X X X X X X X D Y |

**Apprentice Rates:**

|                        |         |         |         |
|------------------------|---------|---------|---------|
| 0-1,000 work hours     | \$31.97 | \$41.43 | \$50.87 |
| 1,001-2,000 work hours | \$33.06 | \$43.06 | \$53.05 |
| 2,001-3,000 work hours | \$34.16 | \$44.71 | \$55.25 |
| 3,001-4,000 work hours | \$36.34 | \$47.98 | \$59.61 |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 28 of 45**

| <u>Classification</u>                   |                    | <u>Last</u>    | <u>Straight Time and</u> |             | <u>a Double</u> | <u>Overtime</u> |   |   |   |   |   |   |   |
|-----------------------------------------|--------------------|----------------|--------------------------|-------------|-----------------|-----------------|---|---|---|---|---|---|---|
| <u>Name</u>                             | <u>Description</u> | <u>Updated</u> | <u>Hourly</u>            | <u>Half</u> | <u>Time</u>     |                 |   |   |   |   |   |   |   |
| =====                                   |                    |                |                          |             |                 |                 |   |   |   |   |   |   |   |
| LAUCT-Z2-6                              |                    | 9/7/2017       |                          |             |                 |                 |   |   |   |   |   |   |   |
| Class VI - Dynamite man and powder man. |                    |                | \$37.74                  | \$50.08     | \$62.41         | X               | X | X | X | X | X | D | Y |
| <b>Apprentice Rates:</b>                |                    |                |                          |             |                 |                 |   |   |   |   |   |   |   |
| 0-1,000 work hours                      |                    |                | \$32.20                  | \$41.77     | \$51.33         |                 |   |   |   |   |   |   |   |
| 1,001-2,000 work hours                  |                    |                | \$33.31                  | \$43.43     | \$53.55         |                 |   |   |   |   |   |   |   |
| 2,001-3,000 work hours                  |                    |                | \$34.42                  | \$45.10     | \$55.77         |                 |   |   |   |   |   |   |   |
| 3,001-4,000 work hours                  |                    |                | \$36.63                  | \$48.41     | \$60.19         |                 |   |   |   |   |   |   |   |

|            |                                                                                                                                                                                                            |          |         |         |         |                 |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------|---------|---------|-----------------|
| LAUCT-Z2-7 |                                                                                                                                                                                                            | 9/7/2017 |         |         |         |                 |
|            | Class VII - Restoration laborer, seeding, sodding, planting, cutting, mulching and topsoil grading and the restoration of property such as replacing mail boxes, wood chips, planter boxes and flagstones. |          | \$30.01 | \$38.48 | \$46.95 | X X X X X X D Y |
|            | <b>Apprentice Rates:</b>                                                                                                                                                                                   |          |         |         |         |                 |
|            | 0-1,000 work hours                                                                                                                                                                                         |          | \$26.41 | \$33.09 | \$39.75 |                 |
|            | 1,001-2,000 work hours                                                                                                                                                                                     |          | \$27.13 | \$34.17 | \$41.19 |                 |
|            | 2,001-3,000 work hours                                                                                                                                                                                     |          | \$27.85 | \$35.25 | \$42.63 |                 |
|            | 3,001-4,000 work hours                                                                                                                                                                                     |          | \$29.29 | \$37.41 | \$45.51 |                 |

**Landscape Laborer**

|           |                                                                                                                                                                                                                                                                              |            |         |         |         |                   |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|-------------------|
| LLAN-Z1-A |                                                                                                                                                                                                                                                                              | 10/13/2015 |         |         |         |                   |
|           | Landscape Specialist: includes air, gas, and diesel equipment operator, skidsteer (or equivalent), lawn sprinkler installer on landscaping work where seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintenance of landscape projects occurs. |            | \$28.98 | \$40.04 | \$51.09 | X X H X X X H D Y |

*comment*

Sundays paid at time & one half. Holidays paid at double time.

|           |                                                                                                                                                                                                                                                  |            |         |         |         |                   |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|-------------------|
| LLAN-Z1-B |                                                                                                                                                                                                                                                  | 10/13/2015 |         |         |         |                   |
|           | Skilled Landscape Laborer: small power tool operator, lawn sprinkler installers' tender, material mover, truck driver when seeding, sodding, planting, cutting, trimming, backfilling, rough grading or maintaining of landscape projects occurs |            | \$24.76 | \$33.71 | \$42.65 | X X H X X X H D Y |

*comment*

Sundays paid at time & one half. Holidays paid at double time.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 29 of 45

| Classification |             | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision |
|----------------|-------------|--------------|--------------------------|---------------|--------------------|
| Name           | Description |              |                          |               |                    |

**Marble Finisher**

|                          |  |            |         |         |                           |
|--------------------------|--|------------|---------|---------|---------------------------|
| BR1-MF                   |  | 10/20/2014 |         |         |                           |
| Marble Finisher          |  |            | \$43.48 | \$54.29 | \$65.10 H H D H D D D D Y |
| <b>Apprentice Rates:</b> |  |            |         |         |                           |
| Level 1                  |  |            | \$19.04 | \$25.12 | \$31.20                   |
| Level 2                  |  |            | \$20.24 | \$26.92 | \$33.60                   |
| Level 3                  |  |            | \$27.01 | \$33.96 | \$40.90                   |
| Level 4                  |  |            | \$28.47 | \$36.14 | \$43.82                   |
| Level 5                  |  |            | \$29.99 | \$37.84 | \$45.70                   |
| Level 6                  |  |            | \$31.61 | \$39.86 | \$48.10                   |
| Level 7                  |  |            | \$33.30 | \$41.59 | \$49.87                   |
| Level 8                  |  |            | \$34.79 | \$43.48 | \$52.17                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Marble Mason**

|                          |  |            |         |         |                           |
|--------------------------|--|------------|---------|---------|---------------------------|
| BR1-MM                   |  | 10/17/2014 |         |         |                           |
| Marble Mason             |  |            | \$50.29 | \$64.51 | \$78.72 H H D H D D D D Y |
| <b>Apprentice Rates:</b> |  |            |         |         |                           |
| Level 1                  |  |            | \$25.14 | \$32.65 | \$40.15                   |
| Level 2                  |  |            | \$28.20 | \$36.49 | \$44.78                   |
| Level 3                  |  |            | \$33.41 | \$41.97 | \$50.53                   |
| Level 4                  |  |            | \$36.15 | \$45.66 | \$55.17                   |
| Level 5                  |  |            | \$38.42 | \$48.17 | \$57.92                   |
| Level 6                  |  |            | \$42.07 | \$53.56 | \$65.05                   |
| Level 7                  |  |            | \$42.74 | \$54.38 | \$66.02                   |
| Level 8                  |  |            | \$43.67 | \$55.78 | \$67.88                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Operating Engineer**

|                               |  |          |         |         |                           |
|-------------------------------|--|----------|---------|---------|---------------------------|
| EN-AC                         |  | 6/7/2017 |         |         |                           |
| Compressor or Welding Machine |  |          | \$46.07 | \$57.38 | \$68.68 X X H H D D D D Y |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 30 of 45

| Classification | Name                                      | Description                                                                        | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|----------------|-------------------------------------------|------------------------------------------------------------------------------------|--------------|--------------------------|---------|---------------|--------------------|
| =====          |                                           |                                                                                    |              |                          |         |               |                    |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Friday, Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday.      |              |                          |         |               |                    |
|                |                                           | Work not performed due to weather, Monday-Thursday may be scheduled on Friday.     |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-F           |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Forklift or Straight Mast                 |                                                                                    |              | \$47.52                  | \$59.55 | \$71.58       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather  |              |                          |         |               |                    |
|                |                                           | on M-Th may be scheduled on Friday                                                 |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-FO          |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Fireman or Oiler                          |                                                                                    |              | \$45.04                  | \$55.83 | \$66.62       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not     |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheduled on Friday.              |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-L           |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Lull or Extend-a-Boom Forklift            |                                                                                    |              | \$53.38                  | \$68.34 | \$83.30       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled M-Th or T-F. Work not performed due to weather  |              |                          |         |               |                    |
|                |                                           | on M-Th may be scheduled on Friday                                                 |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OS120       |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane with main boom & jib 120' or longer |                                                                                    |              | \$56.92                  | \$80.60 | \$104.28      | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Worked not   |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheuled Friday                   |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA         |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 220' or longer   |                                                                                    |              | \$58.03                  | \$75.32 | \$92.60       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not     |              |                          |         |               |                    |
|                |                                           | performed due to weather, Monday-Thursday may be scheduled on Friday.              |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA3        |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 300' or longer   |                                                                                    |              | \$59.54                  | \$74.73 | \$90.41       | X X H H D D D D Y  |
|                | comment                                   | make up day allowed                                                                |              |                          |         |               |                    |
|                |                                           | Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work         |              |                          |         |               |                    |
|                |                                           | unable to be performed due to weather, Monday-Thursday may be scheduled on Friday. |              |                          |         |               |                    |
| -----          |                                           |                                                                                    |              |                          |         |               |                    |
| EN-OSA4        |                                           |                                                                                    | 6/7/2017     |                          |         |               |                    |
|                | Crane w/ main Boom & Jib 400' or longer   |                                                                                    |              | \$61.04                  | \$79.83 | \$98.62       | X X H H D D D D Y  |
| =====          |                                           |                                                                                    |              |                          |         |               |                    |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 31 of 45

| Classification | Name | Description | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|-------------|--------------|-----------------|---------------|---------------|--------------------|
|----------------|------|-------------|--------------|-----------------|---------------|---------------|--------------------|

comment make up day allowed

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-OSB

6/7/2017

Crane with main boom and jib 140' or longer

\$57.74

\$74.88

\$92.02

X X H H D D D D Y

comment make up day allowed

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work unable to be performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-RC

6/7/2017

Regular Crane Operator, Job Mechanic, Concrete Pump with Boom

\$56.06

\$72.36

\$88.66

X X H H D D D D Y

**Apprentice Rates:**

0-999 hours

\$44.78

\$56.19

\$67.60

1,000-1,999 hours

\$46.41

\$58.64

\$70.86

2,000-2,999 hours

\$48.04

\$61.08

\$74.12

3,000-3,999 hours

\$49.67

\$63.53

\$77.38

4,000-4,999 hours

\$51.31

\$65.98

\$80.66

5,000-5,999 hours

\$52.93

\$68.42

\$83.90

comment make up day allowed

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

EN-RE

6/7/2017

Regular Engineer, Hydro Excavator & Remote Controlled Concrete

\$55.11

\$70.94

\$86.76

X X H H D D D D Y

comment make up day allowed

Four 10 hour days may be scheduled Monday-Thursday or Tuesday-Friday. Work not performed due to weather, Monday-Thursday may be scheduled on Friday.

**Operating Engineer - Marine Construction**

GLF D

4/2/2014

Diver/Wet Tender/Tender/Rov Pilot/Rov Tender

\$52.80

\$79.20

\$105.60

H H H H H H H D N

GLF-1

1/23/2017

Diver/Wet Tender, Engineer (hydraulic dredge)

\$72.32

\$93.82

\$115.32

X X H H H H H D Y

comment make up day allowed

Holiday pay = 2.5 times the straight hourly rate

Subdivision of county all Great Lakes, islands therein, & connecting & tributary waters

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Statewide

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 32 of 45**

| <u>Classification</u>                |                                                                                                                                                                                                                                       | <u>Last</u> | <u>Straight Time and</u> | <u>a Double</u> | <u>Overtime</u> |                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|-----------------|-----------------|-------------------|
| Name                                 | Description                                                                                                                                                                                                                           | Updated     | Hourly                   | Half            | Time            | Provision         |
| GLF-2                                |                                                                                                                                                                                                                                       | 1/23/2017   |                          |                 |                 |                   |
|                                      | Crane/Backhoe Operator, 70 ton or over Tug Operator,<br>Mechanic/Welder, Assistant Engineer (hydraulic dredge), Leverman<br>(hydraulic dredge), Diver Tender                                                                          |             | \$70.82                  | \$91.57         | \$112.32        | X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                                      |             |                          |                 |                 |                   |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                                     |             |                          |                 |                 |                   |
| GLF-2B                               |                                                                                                                                                                                                                                       | 1/23/2017   |                          |                 |                 |                   |
|                                      | Friction, Lattice Boom or Crane License Certification                                                                                                                                                                                 |             | \$72.32                  | \$93.82         | \$115.32        | X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                                      |             |                          |                 |                 |                   |
| <u>Subdivision of county</u>         | All Great Lakes, islands, therein, & connecting & tributary waters                                                                                                                                                                    |             |                          |                 |                 |                   |
| GLF-3                                |                                                                                                                                                                                                                                       | 1/23/2017   |                          |                 |                 |                   |
|                                      | Deck Equipment Operator, Machineryman, Maintenance of Crane (over<br>50 ton capacity) or Backhoe (115,000 lbs or more), Tug/Launch<br>Operator, Loader, Dozer on Barge, Deck Machinery                                                |             | \$66.27                  | \$84.75         | \$103.22        | X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                                      |             |                          |                 |                 |                   |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                                     |             |                          |                 |                 |                   |
| GLF-4                                |                                                                                                                                                                                                                                       | 1/23/2017   |                          |                 |                 |                   |
|                                      | Deck Equipment Operator, (Machineryman/Fireman), (4 equipment<br>units or more), Off Road Trucks, Deck Hand, Tug Engineer, & Crane<br>Maintenance 50 ton capacity and under or Backhoe 115,000 lbs or less,<br>Assistant Tug Operator |             | \$60.07                  | \$75.45         | \$90.82         | X X H H H H D Y   |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | Holiday pay = 2.5 times the straight hourly rate                                                                                                                                                                                      |             |                          |                 |                 |                   |
| <u>Subdivision of county</u>         | All Great Lakes, islands therein, & connecting & tributary waters                                                                                                                                                                     |             |                          |                 |                 |                   |
| <b>Operating Engineer Steel Work</b> |                                                                                                                                                                                                                                       |             |                          |                 |                 |                   |
| EN-324-EF                            |                                                                                                                                                                                                                                       | 6/8/2017    |                          |                 |                 |                   |
|                                      | Forklift, 1 Drum Hoist                                                                                                                                                                                                                |             | \$60.41                  | \$79.00         | \$97.58         | H H D H H H D D Y |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | 4 10s allowed M-Th with Friday makeup day because of bad weather                                                                                                                                                                      |             |                          |                 |                 |                   |
| EN-324-SW120                         |                                                                                                                                                                                                                                       | 6/7/2017    |                          |                 |                 |                   |
|                                      | Crane w/ 120' boom or longer                                                                                                                                                                                                          |             | \$63.11                  | \$83.05         | \$102.98        | H H D H H H D D Y |
| <i>comment</i>                       | <i>make up day allowed</i>                                                                                                                                                                                                            |             |                          |                 |                 |                   |
|                                      | 4 10s allowed M-Th with Friday makeup day because of bad weather                                                                                                                                                                      |             |                          |                 |                 |                   |
| EN-324-SW120-O                       |                                                                                                                                                                                                                                       | 6/7/2017    |                          |                 |                 |                   |
|                                      | Crane w/ 120' boom or longer w/ Oiler                                                                                                                                                                                                 |             | \$64.11                  | \$84.55         | \$104.98        | H H D H H H D D Y |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 33 of 45**

| Classification                        |                                                                  | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|---------------------------------------|------------------------------------------------------------------|--------------|-----------------|---------------|---------------|--------------------|
| Name                                  | Description                                                      |              |                 |               |               |                    |
| =====                                 |                                                                  |              |                 |               |               |                    |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW140                          |                                                                  | 6/7/2017     |                 |               |               |                    |
| Crane w/ 140' boom or longer          |                                                                  |              | \$64.29         | \$84.82       | \$105.34      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW140-O                        |                                                                  | 6/7/2017     |                 |               |               |                    |
| Crane w/ 140' boom or longer W/ Oiler |                                                                  |              | \$65.29         | \$86.32       | \$107.34      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW220                          |                                                                  | 6/7/2017     |                 |               |               |                    |
| Boom & Jib 220' or longer             |                                                                  |              | \$64.56         | \$85.22       | \$105.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW220-O                        |                                                                  | 6/7/2017     |                 |               |               |                    |
| Crane w/ 220' boom or longer w/ Oiler |                                                                  |              | \$65.56         | \$86.72       | \$107.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW300                          |                                                                  | 6/7/2017     |                 |               |               |                    |
| Boom & Jib 300' or longer             |                                                                  |              | \$66.06         | \$87.47       | \$108.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW300-O                        |                                                                  | 6/7/2017     |                 |               |               |                    |
| Crane w/ 300' boom or longer w/ Oiler |                                                                  |              | \$67.06         | \$88.97       | \$110.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW400                          |                                                                  | 6/7/2017     |                 |               |               |                    |
| Boom & Jib 400' or longer             |                                                                  |              | \$67.56         | \$89.72       | \$111.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |
| EN-324-SW400-O                        |                                                                  | 6/7/2017     |                 |               |               |                    |
| Crane w/ 400' boom or longer w/ Oiler |                                                                  |              | \$68.56         | \$91.22       | \$113.88      | H H D H H H D D Y  |
| <i>comment</i>                        | <i>make up day allowed</i>                                       |              |                 |               |               |                    |
|                                       | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                 |               |               |                    |
| -----                                 |                                                                  |              |                 |               |               |                    |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 34 of 45**

| Classification  |                                                                  | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision         |
|-----------------|------------------------------------------------------------------|--------------|--------------------------|---------------|----------------------------|
| Name            | Description                                                      |              |                          |               |                            |
| EN-324-SWCO     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Crane Operator, Job Mechanic, 3 Drum Hoist & Excavator           |              | \$62.75                  | \$82.51       | \$102.26 H H D H H H D D Y |
|                 | Apprentice Rates:                                                |              |                          |               |                            |
|                 | 0-999 hours                                                      |              | \$49.40                  | \$63.26       | \$77.11                    |
|                 | 1,000-1,999 hours                                                |              | \$51.38                  | \$66.23       | \$81.07                    |
|                 | 2,000-2,999 hours                                                |              | \$53.35                  | \$69.19       | \$85.01                    |
|                 | 3,000-3,999 hours                                                |              | \$55.33                  | \$72.16       | \$88.97                    |
|                 | 4,000-4,999 hours                                                |              | \$57.30                  | \$75.11       | \$92.91                    |
|                 | 5,000 hours                                                      |              | \$59.28                  | \$78.08       | \$96.87                    |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWCO-O   |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Crane Operator w/ Oiler                                          |              | \$63.75                  | \$84.01       | \$104.26 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWCW     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Compressor or Welder Operator                                    |              | \$55.30                  | \$71.33       | \$87.36 H H D H H H D D Y  |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWHO     |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Hoisting Operator, 2 Drum Hoist, & Rubber Tire Backhoe           |              | \$62.11                  | \$81.55       | \$100.98 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWO      |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Oiler                                                            |              | \$53.89                  | \$69.22       | \$84.54 H H D H H H D D Y  |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWTD50   |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Tower Crane & Derrick where work is 50' or more                  |              | \$63.84                  | \$84.14       | \$104.44 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |
| EN-324-SWTD50-O |                                                                  | 6/7/2017     |                          |               |                            |
|                 | Tower Crane & Derrick 50' or more w/ Oiler                       |              | \$64.84                  | \$85.64       | \$106.44 H H D H H H D D Y |
| comment         | make up day allowed                                              |              |                          |               |                            |
|                 | 4 10s allowed M-Th with Friday makeup day because of bad weather |              |                          |               |                            |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

County: Livingston

**Official Rate Schedule**

**Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.**

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

**Issue Date: 1/22/2018**

**Contract must be awarded by: 4/22/2018**

**Page 35 of 45**

| Classification                 |                   | Last Updated | Straight Time and Hourly | a Double Time | Overtime Provision        |
|--------------------------------|-------------------|--------------|--------------------------|---------------|---------------------------|
| =====                          |                   |              |                          |               |                           |
| ~~~~~                          |                   |              |                          |               |                           |
| Operating Engineer Underground |                   |              |                          |               |                           |
| ~~~~~                          |                   |              |                          |               |                           |
| EN-324A1-UC1                   |                   | 9/7/2017     |                          |               |                           |
| Class I Equipment              |                   |              | \$55.54                  | \$71.56       | \$87.57 H H H H H H H D Y |
|                                | Apprentice Rates: |              |                          |               |                           |
|                                | 0-999 hours       |              | \$44.09                  | \$55.30       | \$66.52                   |
|                                | 1,000-1,999 hours |              | \$45.68                  | \$57.70       | \$69.70                   |
|                                | 2,000-2,999 hours |              | \$47.28                  | \$60.09       | \$72.90                   |
|                                | 3,000-3,999 hours |              | \$48.88                  | \$62.49       | \$76.10                   |
|                                | 4,000-4,999 hours |              | \$50.49                  | \$64.91       | \$79.32                   |
|                                | 5,000-5,999 hours |              | \$52.09                  | \$67.30       | \$82.52                   |
| -----                          |                   |              |                          |               |                           |
| EN-324A1-UC2                   |                   | 9/7/2017     |                          |               |                           |
| Class II Equipment             |                   |              | \$50.81                  | \$64.46       | \$78.11 H H H H H H H D Y |
| -----                          |                   |              |                          |               |                           |
| EN-324A1-UC3                   |                   | 9/7/2017     |                          |               |                           |
| Class III Equipment            |                   |              | \$50.08                  | \$63.37       | \$76.65 H H H H H H H D Y |
| -----                          |                   |              |                          |               |                           |
| EN-324A1-UC4                   |                   | 9/7/2017     |                          |               |                           |
| Class IV Equipment             |                   |              | \$49.51                  | \$62.52       | \$75.51 H H H H H H H D Y |
| -----                          |                   |              |                          |               |                           |
| EN-324A1-UMM                   |                   | 9/7/2017     |                          |               |                           |
| Master Mechanic                |                   |              | \$55.79                  | \$71.93       | \$88.07 H H H H H H H D Y |

**Painter**

|         |                          |           |         |         |         |                   |
|---------|--------------------------|-----------|---------|---------|---------|-------------------|
| PT-22-P |                          | 10/3/2017 |         |         |         |                   |
| Painter |                          |           | \$44.32 | \$57.60 | \$70.88 | H H D H D D D D Y |
|         | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|         | Year 1                   |           | \$31.04 | \$37.68 | \$44.32 |                   |
|         | Year 2                   |           | \$33.70 | \$41.67 | \$49.64 |                   |
|         | Year 3                   |           | \$36.35 | \$45.64 | \$54.94 |                   |
|         | Year 4                   |           | \$40.34 | \$51.63 | \$62.92 |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted  
 on the construction site, in a conspicuous place, a copy  
 of all prevailing wage and fringe benefit rates  
 prescribed in a contract.





Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 37 of 45

| Classification | Name | Description | Last Updated | Straight Time and Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------|-------------|--------------|--------------------------|---------------|---------------|--------------------|
|----------------|------|-------------|--------------|--------------------------|---------------|---------------|--------------------|

|                                                                |                             |  |         |         |  |  |                 |
|----------------------------------------------------------------|-----------------------------|--|---------|---------|--|--|-----------------|
| TM247-3                                                        | 4/17/2015                   |  |         |         |  |  |                 |
| CCTV Technician/Combo Unit Operator:                           | unit driver and operator of |  | \$31.45 | \$43.07 |  |  | H H H H H H H N |
| cctv unit or combo unit in connection with normal cleaning and |                             |  |         |         |  |  |                 |

|                                        |                                                      |  |         |         |  |  |                 |
|----------------------------------------|------------------------------------------------------|--|---------|---------|--|--|-----------------|
| TM247-4                                | 4/17/2015                                            |  |         |         |  |  |                 |
| Boiler Operator:                       | unit driver and operator of steam/water heater units |  | \$33.20 | \$45.70 |  |  | H H H H H H H N |
| and all ancillary equipment associated |                                                      |  |         |         |  |  |                 |

|                                         |           |  |         |         |  |  |                 |
|-----------------------------------------|-----------|--|---------|---------|--|--|-----------------|
| TM247-5                                 | 4/17/2015 |  |         |         |  |  |                 |
| Combo Unit driver & Jetter-Vac Operator |           |  | \$33.20 | \$45.70 |  |  | H H H H H H H N |

|                                                |           |  |         |         |  |  |                 |
|------------------------------------------------|-----------|--|---------|---------|--|--|-----------------|
| TM247-6                                        | 4/17/2015 |  |         |         |  |  |                 |
| Pipe Bursting & Slip-lining Equipment Operator |           |  | \$34.20 | \$47.20 |  |  | H H H H H H H N |

**Pipefitter**

|                                                                   |           |  |         |         |          |  |                 |
|-------------------------------------------------------------------|-----------|--|---------|---------|----------|--|-----------------|
| PF-636                                                            | 7/12/2016 |  |         |         |          |  |                 |
| Pipefitter, Steamfitter, Refrigeration & Air Conditioning Service |           |  | \$69.83 | \$91.03 | \$108.23 |  | H H D H D D D Y |
| <b>Apprentice Rates:</b>                                          |           |  |         |         |          |  |                 |
| 1st & 2nd periods                                                 |           |  | \$29.93 | \$38.28 | \$45.28  |  |                 |
| 3rd period                                                        |           |  | \$31.93 | \$41.28 | \$49.28  |  |                 |
| 4th period                                                        |           |  | \$33.18 | \$43.16 | \$51.78  |  |                 |
| 5th period                                                        |           |  | \$34.43 | \$45.03 | \$54.28  |  |                 |
| 6th period                                                        |           |  | \$35.68 | \$46.90 | \$56.78  |  |                 |
| 7th period                                                        |           |  | \$36.93 | \$48.78 | \$59.28  |  |                 |
| 8th period                                                        |           |  | \$37.93 | \$50.28 | \$61.28  |  |                 |
| 9th period                                                        |           |  | \$38.93 | \$51.78 | \$63.28  |  |                 |
| 10th period                                                       |           |  | \$40.36 | \$53.92 | \$66.14  |  |                 |

*comment*

Four 10s allowed during the week preceding, following and/or the week of a holiday.

Subdivision of county the township of Brighton only

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 38 of 45

| <u>Classification</u> |             | Last      | Straight Time and | a Double | Overtime |                   |
|-----------------------|-------------|-----------|-------------------|----------|----------|-------------------|
| Name                  | Description | Updated   | Hourly            | Half     | Time     | Provision         |
| =====                 |             |           |                   |          |          |                   |
| ~~~~~                 |             |           |                   |          |          |                   |
| <b>Plasterer</b>      |             |           |                   |          |          |                   |
| ~~~~~                 |             |           |                   |          |          |                   |
| BR9-14-PL             |             | 11/4/2016 |                   |          |          |                   |
| Plasterer             |             |           | \$48.65           | \$62.73  | \$76.81  | H H H H H H H D Y |

**Apprentice Rates:**

|                 |         |         |         |
|-----------------|---------|---------|---------|
| 0-749 hours     | \$37.94 | \$46.95 | \$55.97 |
| 750-1499 hours  | \$39.47 | \$49.25 | \$59.03 |
| 1500-2249 hours | \$41.00 | \$51.54 | \$62.09 |
| 2250-2999 hours | \$42.53 | \$53.83 | \$65.15 |
| 3000-3749 hours | \$44.06 | \$56.13 | \$68.21 |
| 3750-4499 hours | \$45.59 | \$58.43 | \$71.27 |

*comment*

Four 10s allowed M-F

Subdivision of county

Twps of Putnam, Hamburg, Green Oak, Marion, Genoa, and Brighton  
(including City of Brighton), Howell (including City of Howell), Osceola,  
Hartland, Cohoctah, Deerfield, & Tyrone

|                          |         |          |         |         |         |                   |
|--------------------------|---------|----------|---------|---------|---------|-------------------|
| PL16-2                   |         | 6/1/2010 |         |         |         |                   |
| Plasterer                |         |          | \$36.92 | \$49.39 | \$61.86 | H H H H H H H D N |
| ~~~~~                    |         |          |         |         |         |                   |
| <b>Apprentice Rates:</b> |         |          |         |         |         |                   |
| 1st year                 | \$28.19 | \$36.30  | \$44.40 |         |         |                   |
| 2nd year                 | \$30.68 | \$40.03  | \$49.38 |         |         |                   |
| 3rd year                 | \$33.18 | \$43.78  | \$54.38 |         |         |                   |

Subdivision of county

Twps of Conway, Cohoctah, Handy, and Howell, and the City of Howell

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| PL16-3                   |         | 10/23/2012 |         |         |         |                   |
| Plasterer                |         |            | \$36.61 | \$48.48 | \$60.34 | H H H H H H H D N |
| ~~~~~                    |         |            |         |         |         |                   |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
| 1st year                 | \$28.30 | \$36.01    | \$43.72 |         |         |                   |
| 2nd year                 | \$30.68 | \$39.58    | \$48.48 |         |         |                   |
| 3rd year                 | \$33.05 | \$43.14    | \$53.22 |         |         |                   |

Subdivision of county

Twps of Deerfield, Tyrone, Osceola, and Hartland

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted  
on the construction site, in a conspicuous place, a copy  
of all prevailing wage and fringe benefit rates  
prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 39 of 45

| Classification<br>Name | Description              | Last<br>Updated | Straight<br>Hourly | Time and<br>Half | a Double<br>Time | Overtime<br>Provision |
|------------------------|--------------------------|-----------------|--------------------|------------------|------------------|-----------------------|
| PL67                   |                          | 9/8/2010        |                    |                  |                  |                       |
| Plasterer              |                          |                 | \$44.72            | \$60.11          | \$75.50          | H H H X D D D D N     |
|                        | <b>Apprentice Rates:</b> |                 |                    |                  |                  |                       |
|                        | 1st 6 months             |                 | \$29.33            | \$37.02          | \$44.72          |                       |
|                        | 2nd 6 months             |                 | \$30.87            | \$39.34          | \$47.80          |                       |
|                        | 3rd 6 months             |                 | \$32.41            | \$41.64          | \$50.88          |                       |
|                        | 4th 6 months             |                 | \$35.49            | \$46.26          | \$57.04          |                       |
|                        | 5th 6 months             |                 | \$38.56            | \$51.16          | \$63.76          |                       |
|                        | 6th 6 months             |                 | \$41.64            | \$55.49          | \$69.34          |                       |

Subdivision of county

Excluding Twps of Conway, Cohoctah, Deerfield, Handy, Hartland,  
Osceola, Tyrone, and Howell, and the City of Howell

**Plumber**

|         |                          |           |         |         |          |                   |
|---------|--------------------------|-----------|---------|---------|----------|-------------------|
| PL-98   |                          | 7/18/2013 |         |         |          |                   |
| Plumber |                          |           | \$64.45 | \$84.87 | \$101.29 | H H D H D D D D Y |
|         | <b>Apprentice Rates:</b> |           |         |         |          |                   |
|         | Period 1                 |           | \$19.93 | \$26.43 | \$32.93  |                   |
|         | Period 2                 |           | \$23.90 | \$31.40 | \$38.90  |                   |
|         | Period 3                 |           | \$30.60 | \$39.19 | \$47.77  |                   |
|         | Period 4                 |           | \$31.23 | \$40.13 | \$49.03  |                   |
|         | Period 5                 |           | \$32.39 | \$41.87 | \$51.35  |                   |
|         | Period 6                 |           | \$33.54 | \$43.59 | \$53.65  |                   |
|         | Period 7                 |           | \$34.69 | \$45.32 | \$55.95  |                   |
|         | Period 8                 |           | \$35.86 | \$47.07 | \$58.29  |                   |
|         | Period 9                 |           | \$37.01 | \$48.80 | \$60.59  |                   |
|         | Period 10                |           | \$38.16 | \$50.53 | \$62.89  |                   |

*comment*

4 tens allowed M-Th or T-F; OT of time and one half required on 11th & 12th hour of

Subdivision of county any ten hour days Brighton Township only

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted  
on the construction site, in a conspicuous place, a copy  
of all prevailing wage and fringe benefit rates  
prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 40 of 45

| Classification |             | Last Updated | Straight Time and Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|-------------|--------------|--------------------------|---------------|---------------|--------------------|
| Name           | Description |              |                          |               |               |                    |

**Plumber, Pipefitter, Welder, HVAC & Refrigeration**

PL-190 7/29/2016  
Plumber, Pipefitter, Welder & HVAC \$60.50 \$84.12 \$107.74 H H H H H H H D Y

**Apprentice Rates:**

|                       |         |         |         |
|-----------------------|---------|---------|---------|
| 1st Year              | \$40.16 | \$53.61 | \$67.06 |
| 2nd Year              | \$43.68 | \$58.89 | \$74.10 |
| 3rd Year              | \$47.19 | \$64.16 | \$81.12 |
| 4th Year              | \$50.71 | \$69.44 | \$88.16 |
| 5th Year-1st 6 months | \$52.47 | \$72.08 | \$91.68 |
| 5th Year-2nd 6 months | \$54.23 | \$74.72 | \$95.20 |

*comment make up day allowed*

4 tens can be worked between Monday and Friday

Subdivision of county The Townships of Hamburg and Green Oaks ONLY.

PL-333-RI 12/1/2015  
Plumber, Pipefitter, Welder, HVAC & Refrigeration \$55.02 \$82.33 \$109.64 H H H H H H H D Y

**Apprentice Rates:**

|               |         |         |          |
|---------------|---------|---------|----------|
| 1st 6 months  | \$26.00 | \$38.81 | \$51.60  |
| 2nd 6 months  | \$38.07 | \$56.91 | \$75.74  |
| 3rd 6 months  | \$39.77 | \$59.46 | \$79.14  |
| 4th 6 months  | \$41.46 | \$62.00 | \$82.52  |
| 5th 6 months  | \$43.16 | \$64.54 | \$85.92  |
| 6th 6 months  | \$44.85 | \$67.08 | \$89.30  |
| 7th 6 months  | \$46.55 | \$69.63 | \$92.70  |
| 8th 6 months  | \$48.24 | \$72.16 | \$96.08  |
| 9th 6 months  | \$49.94 | \$74.72 | \$99.48  |
| 10th 6 months | \$51.63 | \$77.25 | \$102.86 |

*comment*

Four 10s allowed Monday thru Thursday. Friday not a makeup, considered OT, paid @

Subdivision of county time & one-half. EXCEPT the Townships of Brighton, Green Oaks, and Hamburg

Official Request #: 97  
Requestor: Fowlerville Community Schools  
Project Description: District Wide Technology Installation  
  
Project Number:  
County: Livingston

**Official Rate Schedule**  
Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 41 of 45

| Classification | Name                                                                                   | Description              | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|----------------|----------------------------------------------------------------------------------------|--------------------------|--------------|--------------------------|---------|---------------|--------------------|
| <b>Roofer</b>  |                                                                                        |                          |              |                          |         |               |                    |
| RO-70-Z6       |                                                                                        |                          | 7/5/2017     |                          |         |               |                    |
|                | Commercial Roofer                                                                      |                          |              | \$48.55                  | \$62.71 | \$76.87       | H H H X H H H D Y  |
|                |                                                                                        | <b>Apprentice Rates:</b> |              |                          |         |               |                    |
|                |                                                                                        | 1st Class                |              | \$30.69                  | \$38.07 | \$45.45       |                    |
|                |                                                                                        | 2nd Class                |              | \$32.46                  | \$40.52 | \$48.58       |                    |
|                |                                                                                        | 3rd Class                |              | \$34.20                  | \$42.93 | \$51.67       |                    |
|                |                                                                                        | 4th Class                |              | \$36.51                  | \$46.20 | \$55.88       |                    |
|                |                                                                                        | 5th Class                |              | \$38.53                  | \$49.03 | \$59.53       |                    |
|                |                                                                                        | 6th Class                |              | \$40.02                  | \$51.06 | \$62.10       |                    |
|                |                                                                                        | 7th Class                |              | \$41.50                  | \$53.09 | \$64.67       |                    |
|                | <i>comment make up day allowed</i>                                                     |                          |              |                          |         |               |                    |
|                | Friday or Saturday, 4 consecutive tens allowed M-TH                                    |                          |              |                          |         |               |                    |
|                | 5 consecutive nine hour days M-F also allowed, time over forty hours per/week shall be |                          |              |                          |         |               |                    |
|                | at OT. Sat makeup day                                                                  |                          |              |                          |         |               |                    |

**Sewer Relining**

|       |                                                                                                                                                     |  |            |         |         |         |                   |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|---------|---------|---------|-------------------|
| SR-I  |                                                                                                                                                     |  | 11/24/2015 |         |         |         |                   |
|       | Class I-Operator of audio visual CCTV system including remote in-ground cutter and other equipment used in conjunction with CCTV                    |  |            | \$43.66 | \$59.01 | \$74.36 | H H H H H H H D N |
| SR-II |                                                                                                                                                     |  | 11/24/2015 |         |         |         |                   |
|       | Class II-Operator of hot water heaters and circulation system; water jetters; and vacuum and mechanical debris removal systems and those assisting. |  |            | \$42.13 | \$56.72 | \$71.30 | H H H H H H H D N |

**Sheet Metal Worker**

|         |                    |                          |           |         |         |         |                   |
|---------|--------------------|--------------------------|-----------|---------|---------|---------|-------------------|
| SHM-7-1 |                    |                          | 12/7/2017 |         |         |         |                   |
|         | Sheet Metal Worker |                          |           | \$50.97 | \$66.60 | \$82.23 | H H H H D D D D Y |
|         |                    | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|         |                    | First Year               |           | \$27.12 | \$34.93 | \$42.75 |                   |
|         |                    | Second Year              |           | \$32.89 | \$42.27 | \$51.65 |                   |
|         |                    | Third Year               |           | \$41.59 | \$52.53 | \$63.47 |                   |
|         |                    | Fourth Year              |           | \$44.72 | \$57.23 | \$69.73 |                   |

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 43 of 45

| Classification           |             | Last Updated | Straight Time and Hourly | Half    | a Double Time | Overtime Provision |
|--------------------------|-------------|--------------|--------------------------|---------|---------------|--------------------|
| Name                     | Description |              |                          |         |               |                    |
| BR1-TRW                  |             | 10/17/2014   |                          |         |               |                    |
| Terrazzo Worker          |             |              | \$49.73                  | \$63.67 | \$77.60       | H H D H D D D D Y  |
| <b>Apprentice Rates:</b> |             |              |                          |         |               |                    |
|                          | Level 1     |              | \$25.14                  | \$32.65 | \$40.15       |                    |
|                          | Level 2     |              | \$28.20                  | \$36.49 | \$44.78       |                    |
|                          | Level 3     |              | \$33.41                  | \$41.97 | \$50.53       |                    |
|                          | Level 4     |              | \$36.15                  | \$45.66 | \$55.17       |                    |
|                          | Level 5     |              | \$38.42                  | \$48.17 | \$57.92       |                    |
|                          | Level 6     |              | \$42.07                  | \$53.56 | \$65.05       |                    |
|                          | Level 7     |              | \$42.74                  | \$54.38 | \$66.02       |                    |
|                          | Level 8     |              | \$43.67                  | \$55.78 | \$67.88       |                    |

*comment*

A 4 ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

**Tile**

|                          |         |            |         |         |         |                   |
|--------------------------|---------|------------|---------|---------|---------|-------------------|
| BR1-TF                   |         | 10/17/2014 |         |         |         |                   |
| Tile Finisher            |         |            | \$43.50 | \$54.32 | \$65.14 | H H D H D D D D Y |
| <b>Apprentice Rates:</b> |         |            |         |         |         |                   |
|                          | Level 1 |            | \$19.04 | \$25.12 | \$31.20 |                   |
|                          | Level 2 |            | \$20.24 | \$26.92 | \$33.60 |                   |
|                          | Level 3 |            | \$27.01 | \$33.96 | \$40.90 |                   |
|                          | Level 4 |            | \$28.47 | \$36.14 | \$43.82 |                   |
|                          | Level 5 |            | \$29.99 | \$37.84 | \$45.70 |                   |
|                          | Level 6 |            | \$31.61 | \$39.86 | \$48.10 |                   |
|                          | Level 7 |            | \$33.30 | \$41.59 | \$49.87 |                   |
|                          | Level 8 |            | \$34.79 | \$43.48 | \$52.17 |                   |

*comment*

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 44 of 45

| Classification | Name       | Description              | Last Updated | Straight Hourly | Time and Half | a Double Time | Overtime Provision |
|----------------|------------|--------------------------|--------------|-----------------|---------------|---------------|--------------------|
| BR1-TL         |            |                          | 10/17/2014   |                 |               |               |                    |
|                | Tile Layer |                          |              | \$49.68         | \$63.59       | \$77.50       | H H D H D D D D Y  |
|                |            | <b>Apprentice Rates:</b> |              |                 |               |               |                    |
|                |            | Level 1                  |              | \$25.14         | \$32.65       | \$40.15       |                    |
|                |            | Level 2                  |              | \$28.20         | \$36.49       | \$44.78       |                    |
|                |            | Level 3                  |              | \$33.41         | \$41.97       | \$50.53       |                    |
|                |            | Level 4                  |              | \$36.15         | \$45.66       | \$55.17       |                    |
|                |            | Level 5                  |              | \$38.42         | \$48.17       | \$57.92       |                    |
|                |            | Level 6                  |              | \$42.07         | \$53.56       | \$65.05       |                    |
|                |            | Level 7                  |              | \$42.74         | \$54.38       | \$66.02       |                    |
|                |            | Level 8                  |              | \$43.67         | \$55.78       | \$67.88       |                    |

comment

A four ten workweek may be worked Monday thru Thursday or Tuesday thru Friday.

Tile, Terrazzo and Mosiac

|           |          |                          |           |         |         |         |                   |
|-----------|----------|--------------------------|-----------|---------|---------|---------|-------------------|
| BR9-31-TF |          |                          | 11/3/2016 |         |         |         |                   |
|           | Finisher |                          |           | \$34.29 | \$43.39 | \$52.49 | H H H H H H H D Y |
|           |          | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|           |          | 0-749 hours              |           | \$27.32 | \$33.14 | \$38.96 |                   |
|           |          | 750-1,499 hours          |           | \$28.32 | \$34.64 | \$40.96 |                   |
|           |          | 1,500-2,249 hours        |           | \$29.31 | \$36.13 | \$42.94 |                   |
|           |          | 2,250-2,999 hours        |           | \$30.31 | \$37.63 | \$44.94 |                   |
|           |          | 3,000-3,749 hours        |           | \$31.30 | \$39.11 | \$46.92 |                   |
|           |          | 3,750-4,499 hours        |           | \$32.30 | \$40.61 | \$48.92 |                   |

comment

Four 10s allowed M-F

Subdivision of county Townships of Conway, Handy and Iosco

|           |        |                          |           |         |         |         |                   |
|-----------|--------|--------------------------|-----------|---------|---------|---------|-------------------|
| BR9-31-TS |        |                          | 11/3/2016 |         |         |         |                   |
|           | Setter |                          |           | \$39.66 | \$50.25 | \$60.84 | H H H H H H H D Y |
|           |        | <b>Apprentice Rates:</b> |           |         |         |         |                   |
|           |        | 750-1499 hours           |           | \$32.71 | \$40.06 | \$47.41 |                   |
|           |        | 1500-2249 hours          |           | \$33.87 | \$41.80 | \$49.73 |                   |
|           |        | 2250-2999 hours          |           | \$35.03 | \$43.54 | \$52.05 |                   |
|           |        | 3000-3749 hours          |           | \$36.19 | \$45.28 | \$54.37 |                   |
|           |        | 3750-4499 hours          |           | \$37.34 | \$47.00 | \$56.67 |                   |

comment

Four 10s allowed M-F

Subdivision of county Townships of Conway, Handy and Iosco

Official Request #: 97  
 Requestor: Fowlerville Community Schools  
 Project Description: District Wide Technology Installation  
 Project Number:  
 County: Livingston

**Official Rate Schedule**  
 Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.



Official 2018 Commercial Prevailing Wage Rates for State Funded Projects

Issue Date: 1/22/2018

Contract must be awarded by: 4/22/2018

Page 45 of 45

| Classification<br>Name | Description                                                                                                                                                                                               | Last<br>Updated | Straight Time and<br>Hourly | Half    | a Double<br>Time | Overtime<br>Provision |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------|---------|------------------|-----------------------|
| =====                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| ~~~~~                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| <b>Truck Driver</b>    |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| ~~~~~                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| TM-RB1                 |                                                                                                                                                                                                           | 6/7/2016        |                             |         |                  |                       |
|                        | on all trucks of 8 cubic yard capacity or less (except dump trucks of 8<br>cubic yard capacity or over, tandem axle trucks, transit mix and semis,<br>euclid type equipment, double bottoms and low boys) |                 | \$44.10                     | \$48.81 |                  | H H H H H H H Y       |
| -----                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| TM-RB1A                |                                                                                                                                                                                                           | 6/7/2016        |                             |         |                  |                       |
|                        | of all trucks of 8 cubic yard capacity or over                                                                                                                                                            |                 | \$44.20                     | \$48.96 |                  | H H H H H H H Y       |
| -----                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |
| TM-RB1B                |                                                                                                                                                                                                           | 6/7/2016        |                             |         |                  |                       |
|                        | on euclid type equipment                                                                                                                                                                                  |                 | \$44.35                     | \$49.19 |                  | H H H H H H H Y       |
|                        | <i>make up day allowed</i>                                                                                                                                                                                |                 |                             |         |                  |                       |
| -----                  |                                                                                                                                                                                                           |                 |                             |         |                  |                       |

Official Request #: 97

Requestor: Fowlerville Community Schools

Project Description: District Wide Technology Installation

Project Number:

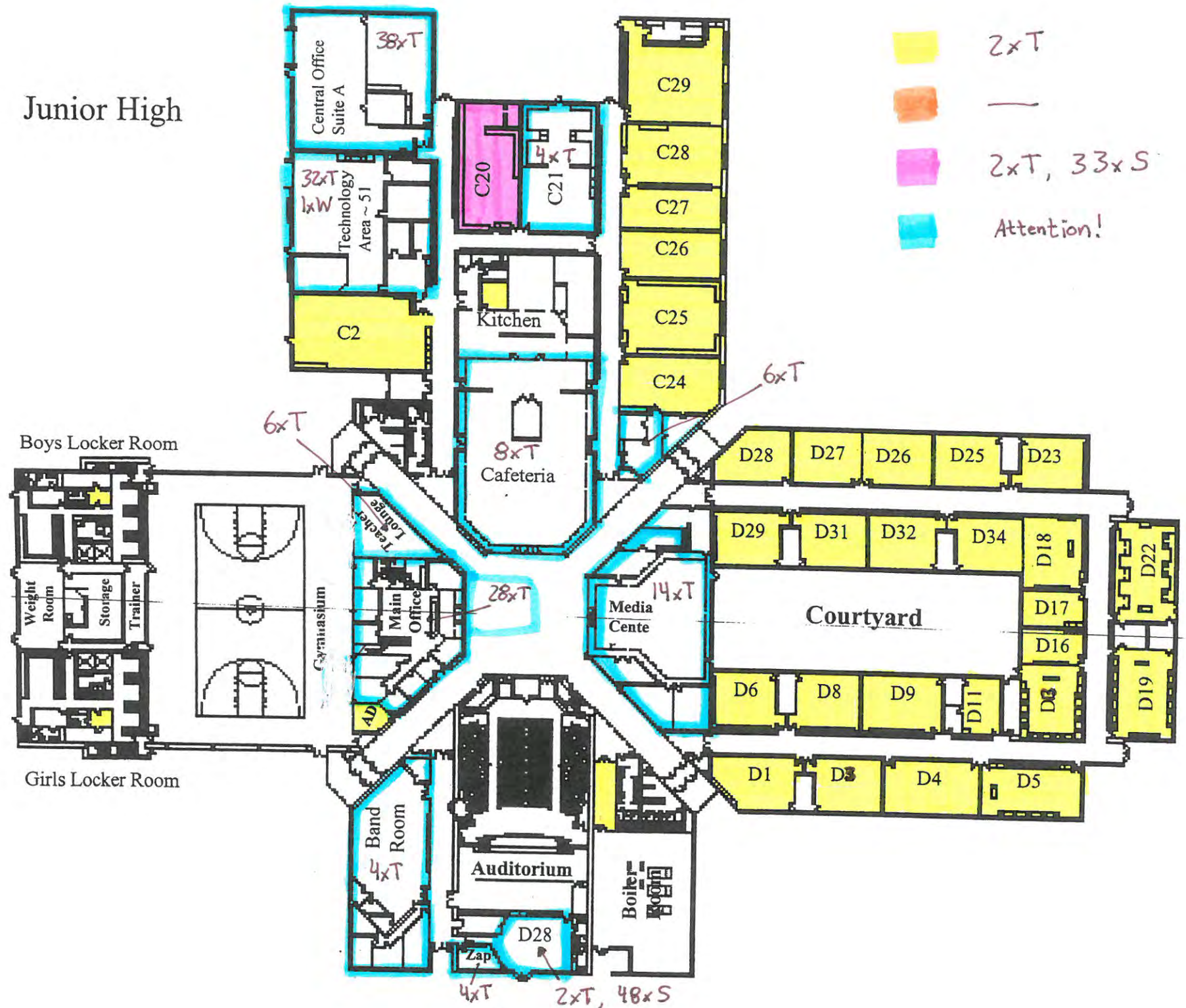
County: Livingston

**Official Rate Schedule**

Every contractor and subcontractor shall keep posted on the construction site, in a conspicuous place, a copy of all prevailing wage and fringe benefit rates prescribed in a contract.

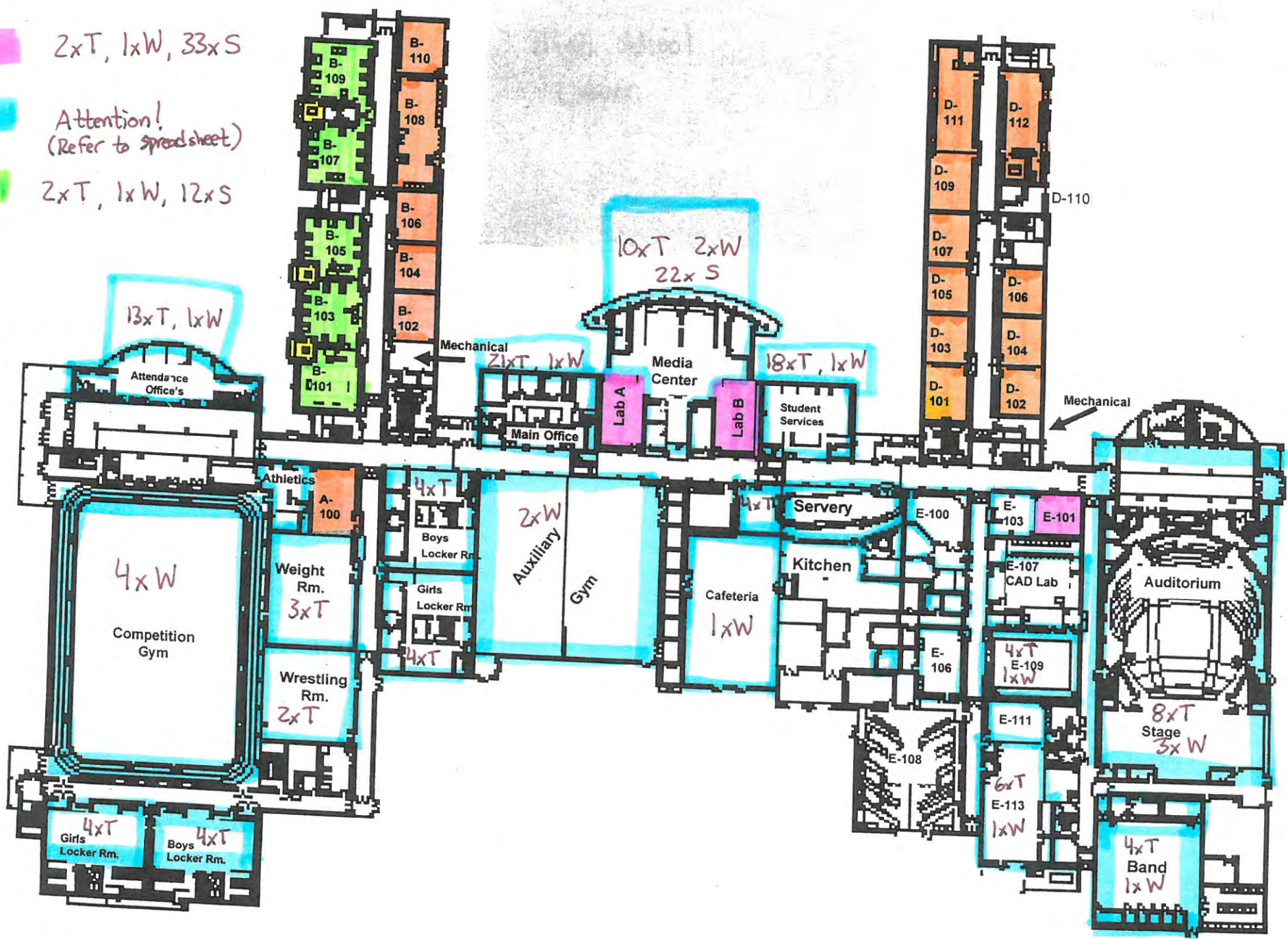
**APPENDIX G – BUILDING MAPS**

# Junior High





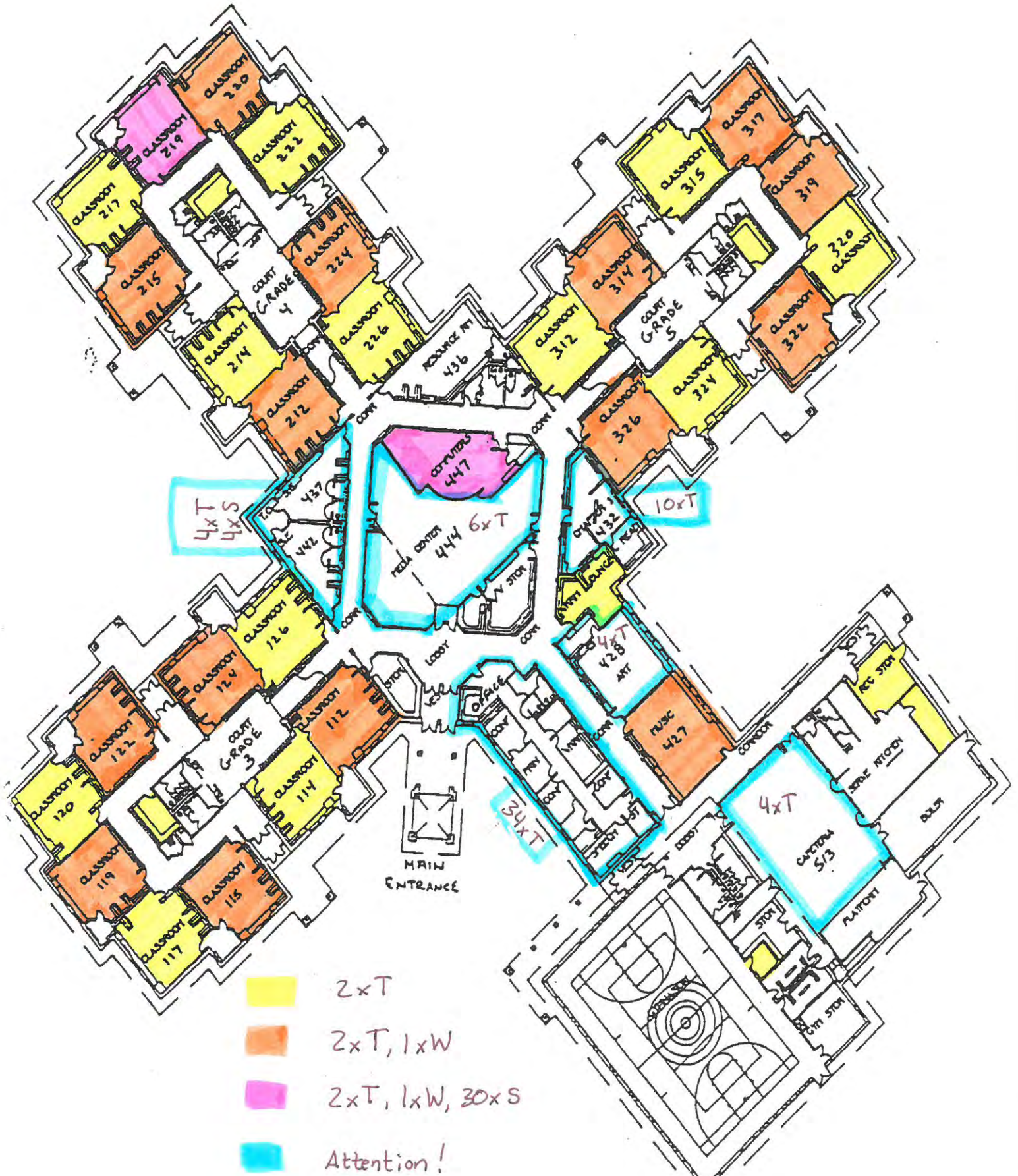
- 2xT
- 2xT, 1xW
- 2xT, 1xW, 33xS
- Attention!  
(Refer to spreadsheet)
- 2xT, 1xW, 12xS



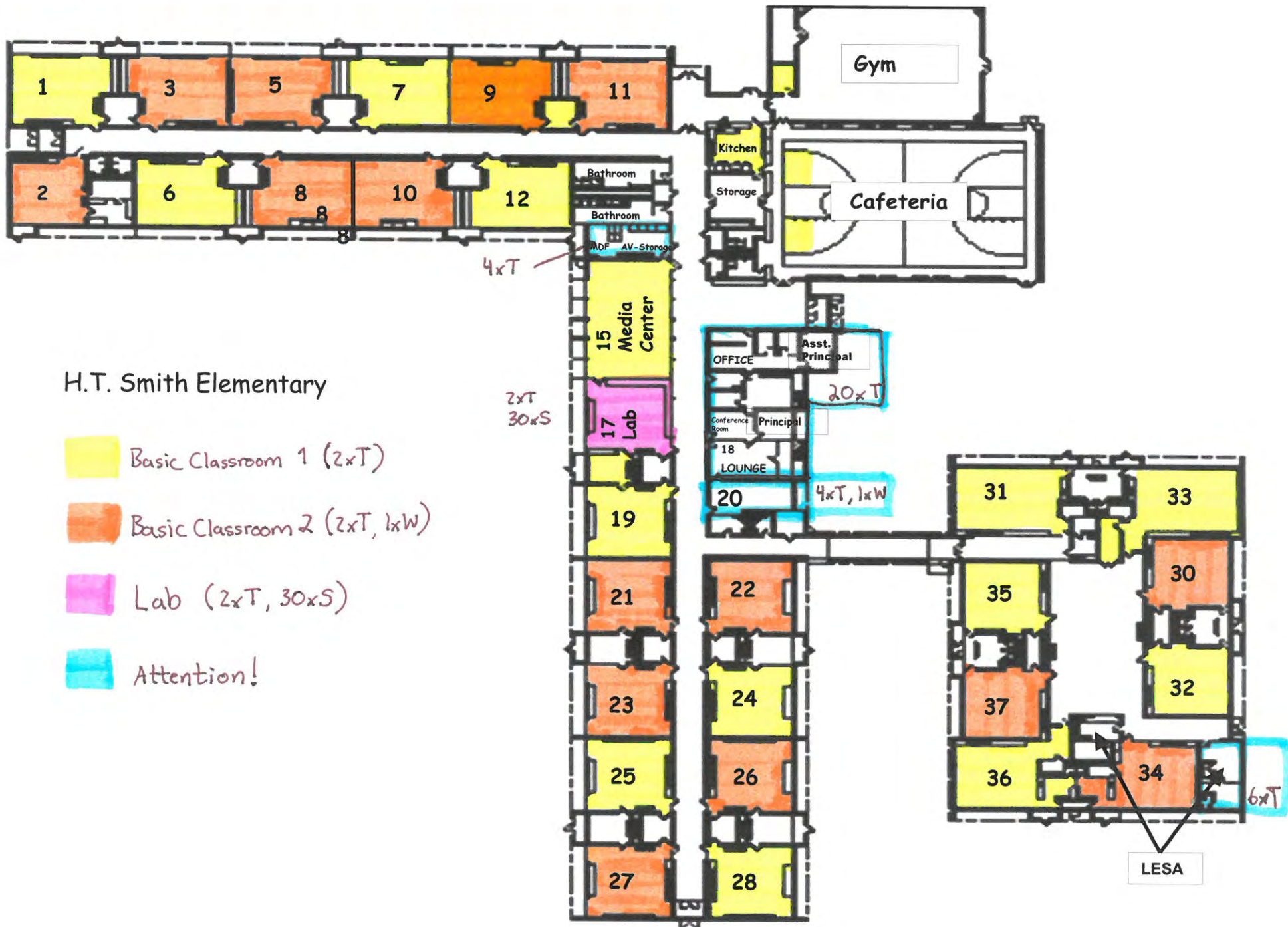




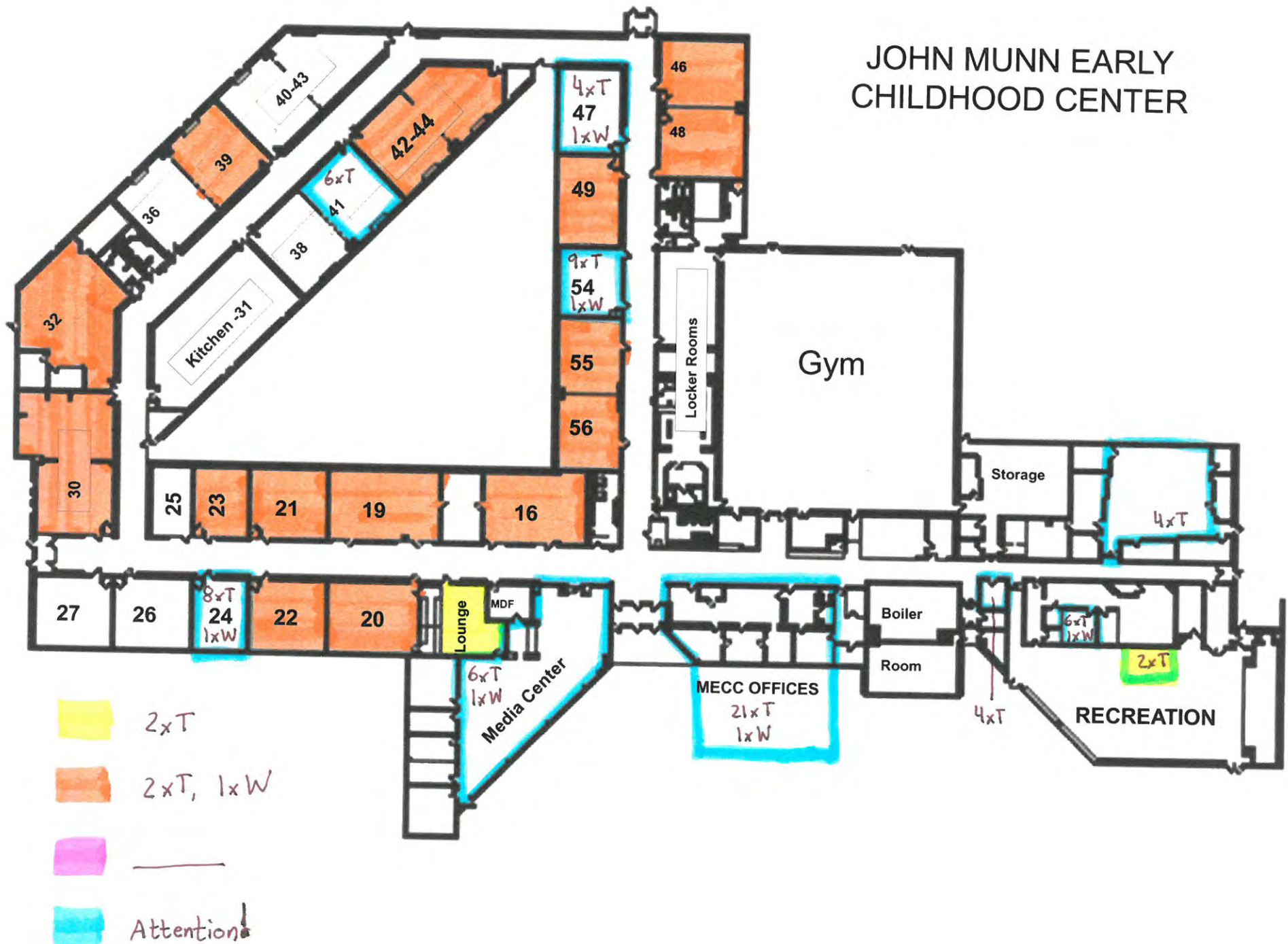
# Kreeger Elementary



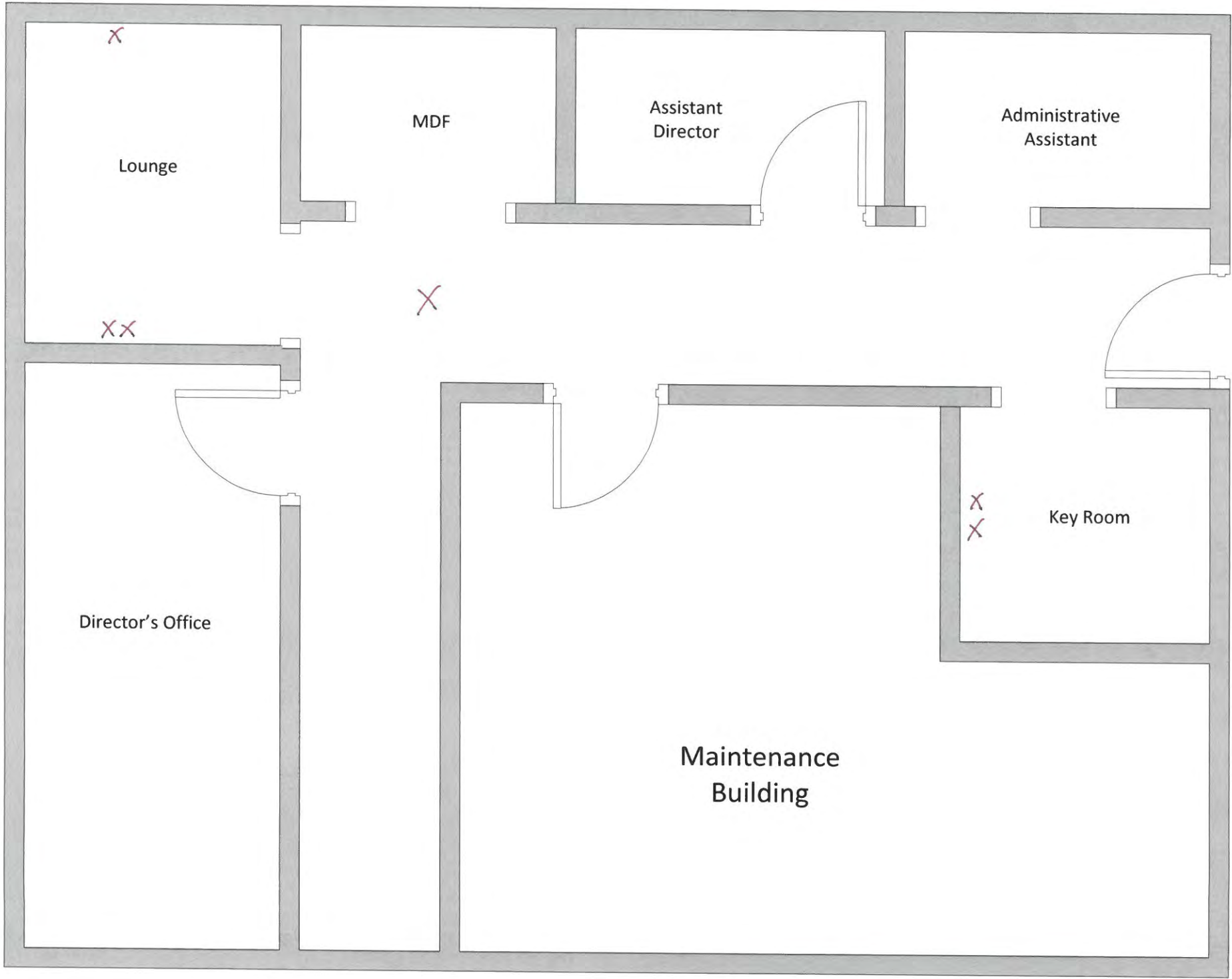




# JOHN MUNN EARLY CHILDHOOD CENTER







X

Lounge

MDF

Assistant  
Director

Administrative  
Assistant

XX

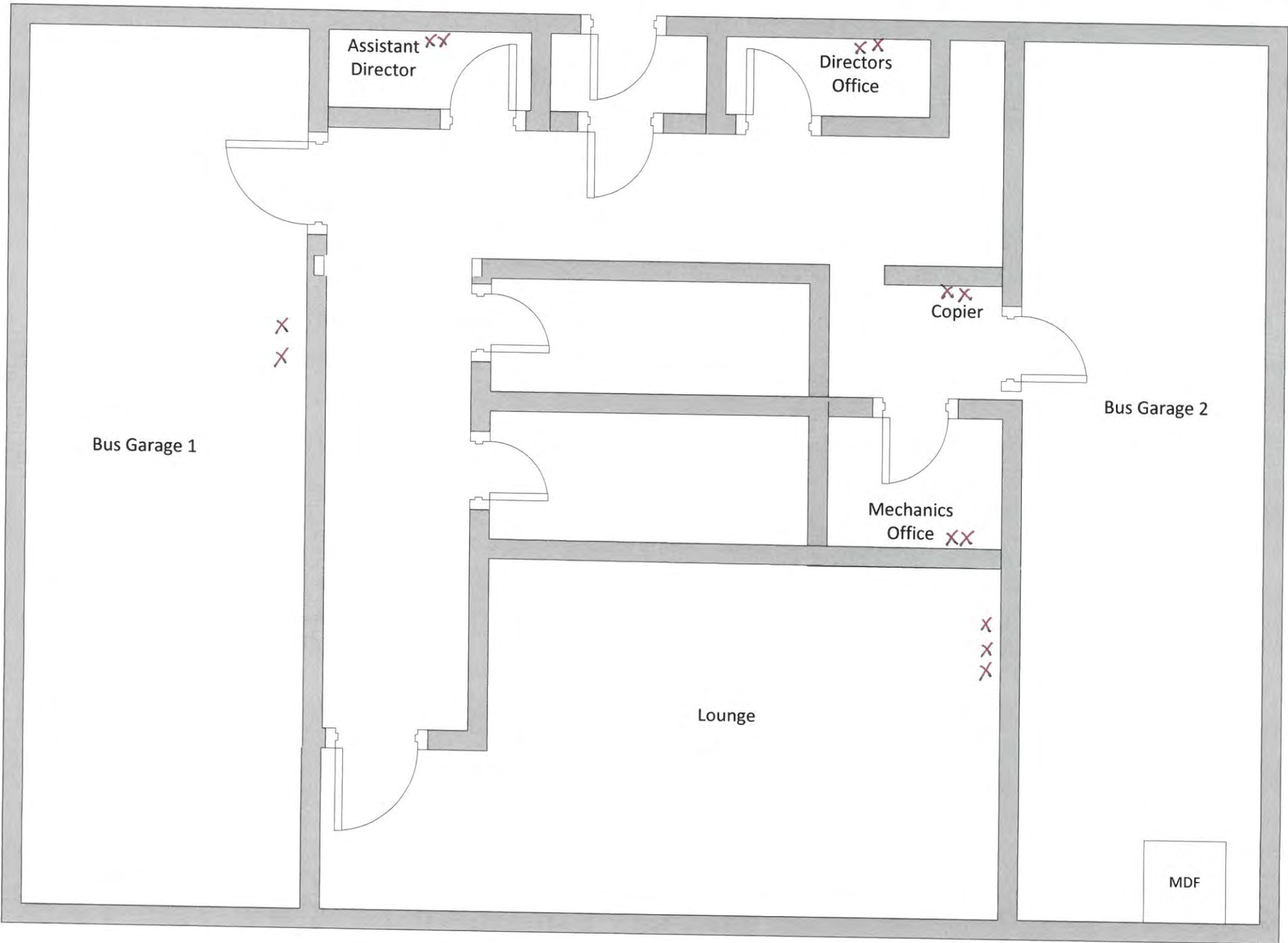
Director's Office

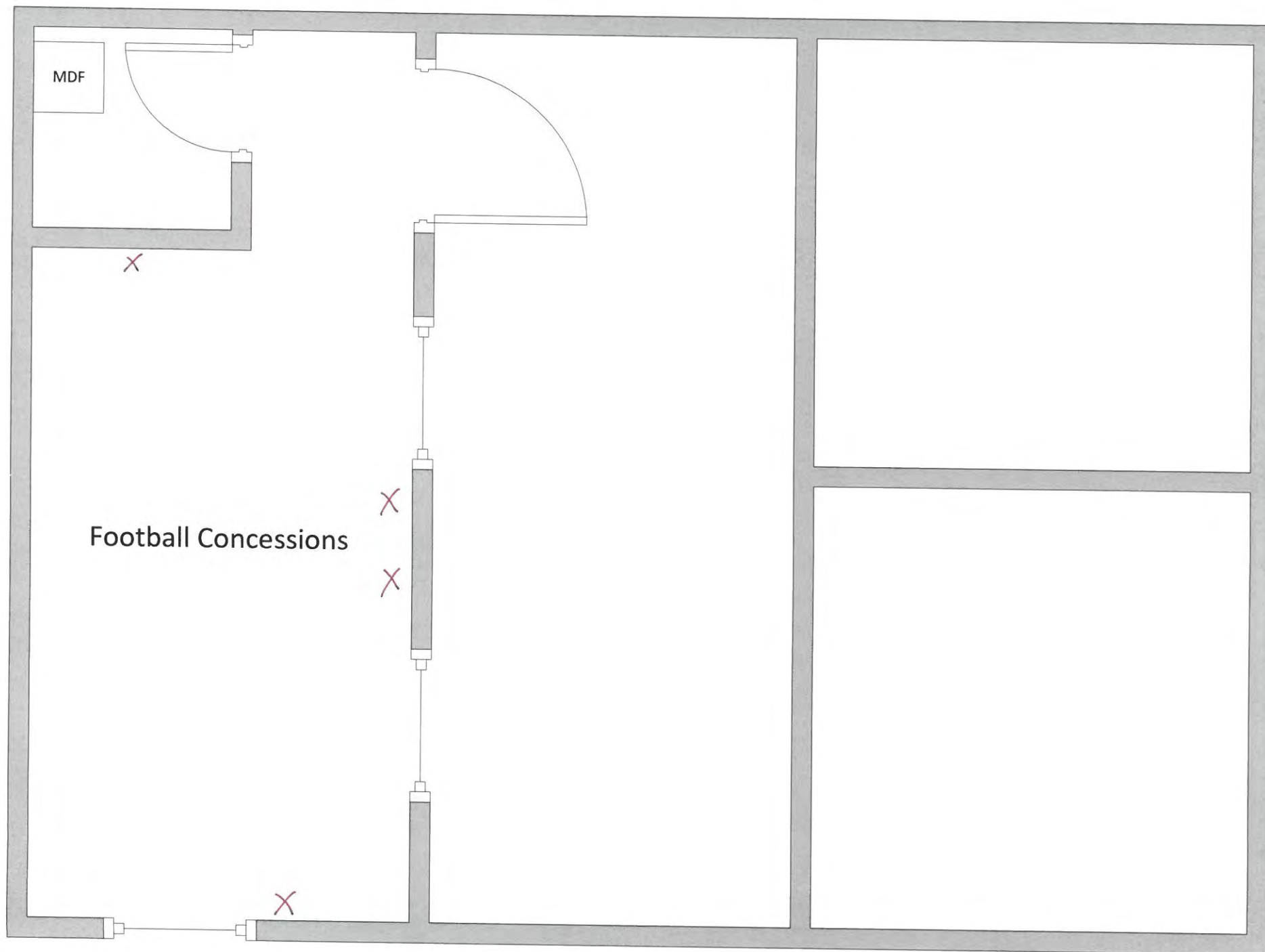
X

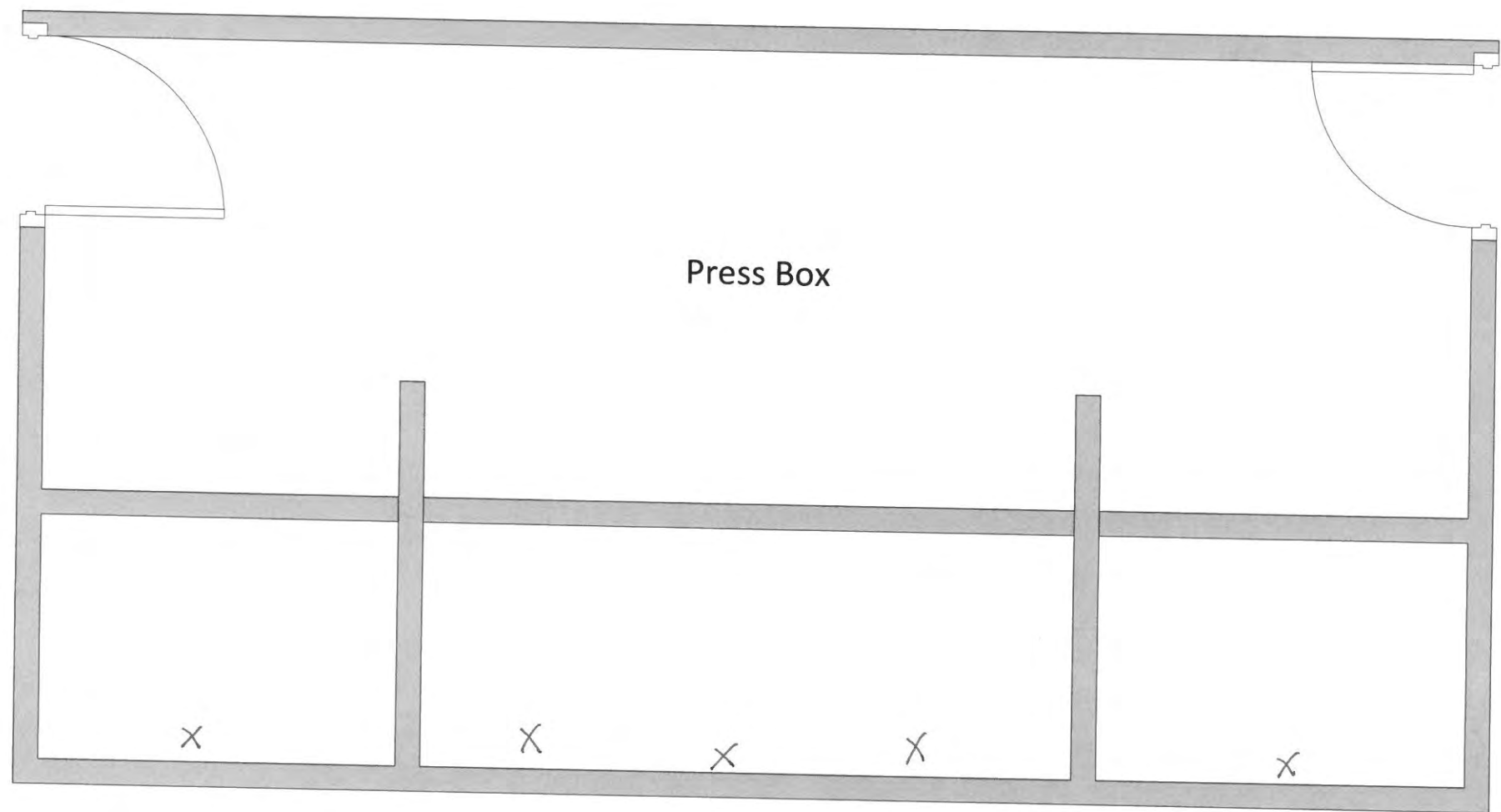
Maintenance  
Building

X  
X

Key Room









## Description of Services Ordered and Certification Form 471

### FCC Form 471

#### Application Information

**Nickname** FY18-471-F Fowlerville **Application Number** 181025403  
**Funding Year** 2018 **Category of Service** Category 1

#### Billed Entity

FOWLerville COMM SCHOOL DIST  
7677 SHARPE SUITE A FOWLerville MI 48836  
517-223-6000  
damerowg@fowlervilleschools.org

#### Contact Information

Robert Rice  
810-923-9290  
bob@triple-r.us

**Billed Entity Number** 131203  
**FCC Registration Number** 0012097507  
**Applicant Type** School District

#### Consulting Firms

| Name                 | Consultant Registration Number | City       | State | Zip Code | Phone Number | Email           |
|----------------------|--------------------------------|------------|-------|----------|--------------|-----------------|
| Triple R Consultants | 16055924                       | South Lyon | MI    | 48178    | 248-446-8125 | bob@triple-r.us |

#### Entity Information

##### School District Entity - Details

| BEN    | Name                         | Urban/Rural | State LEA ID | State School ID | NCES Code | School District Attributes | Endowment |
|--------|------------------------------|-------------|--------------|-----------------|-----------|----------------------------|-----------|
| 131203 | FOWLerville COMM SCHOOL DIST | Rural       | 47030        |                 |           | Public School District     | None      |

#### Related Entity Information

##### Related Child School Entity - Details

| BEN    | Name                           | Urban/Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes    | Endowment |
|--------|--------------------------------|-------------|--------------|-----------------|-----------|----------------------|----------------------|-----------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | Rural       |              | 26              |           | None                 | Public School        | None      |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | Rural       |              | 26              |           | None                 | Pre-K; Public School | None      |
| 56501  | FOWLerville HIGH SCHOOL        | Rural       | 01286        | 47030           |           | None                 | Public School        | None      |
| 221350 | FOWLerville JUNIOR HIGH SCHOOL | Rural       |              | 26              |           | None                 | Public School        | None      |

**Related Child School Entity - Discount Rate Calculation Details**

| BEN    | Name                           | Urban/<br>Rural | Number of<br>Students | Students<br>Count Based<br>on Estimate | CEP<br>Percentage |
|--------|--------------------------------|-----------------|-----------------------|----------------------------------------|-------------------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | Rural           | 659                   | N/A                                    |                   |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | Rural           | 576                   | N/A                                    |                   |
| 56501  | FOWLerville HIGH SCHOOL        | Rural           | 893                   | N/A                                    |                   |
| 221350 | FOWLerville JUNIOR HIGH SCHOOL | Rural           | 691                   | N/A                                    |                   |

**Related School District NIFs**

| School<br>District<br>BEN | School District Name         | NIF BEN  | NIF Name                           |
|---------------------------|------------------------------|----------|------------------------------------|
| 131203                    | FOWLerville COMM SCHOOL DIST | 56496    | FOWLerville COMMUNITY ED CENTER    |
| 131203                    | FOWLerville COMM SCHOOL DIST | 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |

**Discount Rate**

| School District<br>Enrollment | School District<br>NSLP Count | School District<br>NSLP Percentage | School District<br>Urban/<br>Rural Status | Category One<br>Discount Rate | Category Two<br>Discount Rate | Voice<br>Discount Rate |
|-------------------------------|-------------------------------|------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|------------------------|
| 2819                          | 1011                          | 36.0%                              | Rural                                     | 70%                           | 70%                           | 0%                     |

## Funding Request for FRN #1899048113

**Funding Request Nickname:** FD Hayes-SPF

**Service Type:** Data Transmission and/or Internet Access

### Fiber Request Key Information

**Special Construction, Maintenance and Operations, or Network Equipment?** Yes

**Is this FRN supporting leased lit fiber, dark fiber or self-provisioned new or existing fiber?** Self Provisioned

**Is this FRN for Special Construction, Network Equipment, Maintenance & Operation or both Network Equipment and Maintenance & Operation?** Special Construction

### FRN Key Information for Special Construction

**Total Project Plant Route Feet** 9760

**Total Strands** 60

**Average Cost per foot of outside plant** \$3.82

**Number of E-rate Eligible Strands** 10

**Is state or tribal match available for this FRN?** No

**Does the FRN include an installment payment agreement for special construction charges?** No

**Does this installment agreement include a balloon payment?** No

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                                     |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                                  |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | FD Hayes Electric Company, Inc.<br>(SPN: 143007279) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                                  |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                                  |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                                  |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                     |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                     |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | June 30, 2019                                       |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative**

Replace exist MM fiber network with SM fiber. Reuse existing conduit infrastructure.



Line Item # 1899048113.001

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Fiber

Type of Connection Self-provisioned Fiber (with Special Construction)

Bandwidth Speed

Upload Speed 10.0 Gbps Download Speed 10.0 Gbps

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048113.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$67,354.00   |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$67,354.00 |
| One-time Quantity                            | x 1           |
| Total Eligible One-time Costs                | = \$67,354.00 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$67,354.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$67,354.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

FRN Calculation for FRN #1899048113

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$67,354.00   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$67,354.00 |
|                                              |               |

| Total Requested Amount                                 |               |
|--------------------------------------------------------|---------------|
| Total Pre-Discount Charges                             | \$67,354.00   |
| Special Construction State/Tribal Match Percentage     |               |
| Special Construction State/Tribal Match Discount Rate* | 70%           |
| Funding Commitment Request                             | = \$47,147.80 |

## Funding Request for FRN #1899048125

**Funding Request Nickname:** Delta-SFPNE

**Service Type:** Data Transmission and/or Internet Access

### Fiber Request Key Information

**Special Construction, Maintenance and Operations, or Network Equipment?** Yes

**Is this FRN supporting leased lit fiber, dark fiber or self-provisioned new or existing fiber?** Self Provisioned

**Is this FRN for Special Construction, Network Equipment, Maintenance & Operation or both Network Equipment and Maintenance & Operation?** Network Equipment

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                             |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                          |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Delta Network Services LLC (SPN: 143027627) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                          |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                          |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                          |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                             |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                             |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | June 30, 2019                               |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Network Electronics for District Owned Self Provisioned Fiber Network

Line Item # 1899048125.001

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$1,664.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$1,664.30 |
| One-time Quantity                            | x 4          |
| Total Eligible One-time Costs                | = \$6,657.20 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$6,657.20 |
| Pre-Discout Extended Eligible Line Item Cost | = \$6,657.20 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.002

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.002

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$255.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$255.00   |
| One-time Quantity                            | x 4          |
| Total Eligible One-time Costs                | = \$1,020.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,020.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,020.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |



Line Item # 1899048125.003

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.003

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$6,568.80    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$6,568.80  |
| One-time Quantity                            | x 3           |
| Total Eligible One-time Costs                | = \$19,706.40 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$19,706.40 |
| Pre-Discout Extended Eligible Line Item Cost | = \$19,706.40 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.004

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$168.30     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$168.30   |
| One-time Quantity                            | x 9          |
| Total Eligible One-time Costs                | = \$1,514.70 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,514.70 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,514.70 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.005

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$202.30     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$202.30   |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$1,213.80 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,213.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,213.80 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.006

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$2,038.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$2,038.30 |
| One-time Quantity                            | x 2          |
| Total Eligible One-time Costs                | = \$4,076.60 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$4,076.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$4,076.60 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |



Line Item # 1899048125.007

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.007

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$5.10    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$5.10  |
| One-time Quantity                            | x 10      |
| Total Eligible One-time Costs                | = \$51.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$51.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$51.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.008

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.008

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$40.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$40.50  |
| One-time Quantity                            | x 4        |
| Total Eligible One-time Costs                | = \$162.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$162.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$162.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.009

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.009

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$345.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$345.00   |
| One-time Quantity                            | x 24         |
| Total Eligible One-time Costs                | = \$8,280.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$8,280.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$8,280.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.010

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$2,242.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$2,242.30 |
| One-time Quantity                            | x 2          |
| Total Eligible One-time Costs                | = \$4,484.60 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$4,484.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$4,484.60 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |



Line Item # 1899048125.011

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.011

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$100.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$100.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$200.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$200.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$200.60 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.012

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.012

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$372.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$372.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$744.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$744.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$744.60 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.013

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.013

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$8.50    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$8.50  |
| One-time Quantity                            | x 2       |
| Total Eligible One-time Costs                | = \$17.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$17.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$17.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.014

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Cabling

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.014

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$14.00   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$14.00 |
| One-time Quantity                            | x 4       |
| Total Eligible One-time Costs                | = \$56.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$56.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$56.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |



Line Item # 1899048125.015

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.015

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$255.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$255.00   |
| One-time Quantity                            | x 4          |
| Total Eligible One-time Costs                | = \$1,020.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,020.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,020.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.016

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.016

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$4,750.00   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$4,750.00 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$4,750.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$4,750.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$4,750.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

Line Item # 1899048125.017

Product and Service Details

Purpose Applicant owned fiber network or eligible fiber electronics

Function Switches

Type of Connection

Bandwidth Speed

Upload Speed N.A. Download Speed N.A.

Connection Information

Does this include firewall services? No Is this a connection between eligible schools, libraries and NIFs (i.e., a connection that provides a “Wide area network”)? No

Is this a direct connection to a single school, library or a NIF for Internet access? No

Cost Calculation for FRN Line Item # 1899048125.017

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$160.00   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$160.00 |
| One-time Quantity                            | x 1        |
| Total Eligible One-time Costs                | = \$160.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$160.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$160.00 |

Recipients of Services

| BEN      | Name                               |
|----------|------------------------------------|
| 56498    | KREEGER ELEMENTARY SCHOOL          |
| 56500    | H T SMITH EARLY CHILDHOOD CEN      |
| 221350   | FOWLerville JUNIOR HIGH SCHOOL     |
| 56496    | FOWLerville COMMUNITY ED CENTER    |
| 16027705 | MAX BESSERT TRANSPORTATION COMPLEX |
| 56501    | FOWLerville HIGH SCHOOL            |

FRN Calculation for FRN #1899048125

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$54,114.50   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$54,114.50 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$54,114.50 |
| Total Pre-Discount Charges                    | = \$54,114.50 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$37,880.15 |

Connectivity Questions

District/System-wide Internet Access Questions

Does your school district currently aggregate Internet access for the entire district(as opposed to buying Internet access on a building-by-building basis)? Yes

|                |      |                      |      |
|----------------|------|----------------------|------|
| Download Speed | 1.00 | Download Speed Units | Gbps |
| Upload Speed   | 1.00 | Upload Speed Units   | Gbps |

Per Entity Basis Questions

Entity Name FOWLerville COMM SCHOOL DIST Entity Number 131203

| BEN    | Entity Name                    | Download | Units | Upload | Units | Connection | Wifi Sufficient | Barriers to Robust Network |
|--------|--------------------------------|----------|-------|--------|-------|------------|-----------------|----------------------------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 221350 | FOWLerville JUNIOR HIGH SCHOOL | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 56501  | FOWLerville HIGH SCHOOL        | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |

Certifications

I certify that the entities listed in this application are eligible for support because they are schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801(18) and (38), that do not operate as for-profit businesses and do not have endowments exceeding \$50 million.

I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

| Summary                                                                                                                                                                             |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Total funding year pre-discount eligible amount on this FCC Form 471                                                                                                                | \$121,468.50 |
| Total funding commitment request amount on this FCC Form 471                                                                                                                        | \$85,027.95  |
| Total applicant non-discount share of the eligible amount                                                                                                                           | \$36,440.55  |
| Total budgeted amount allocated to resources not eligible for E-rate support                                                                                                        | \$0.00       |
| Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts                                                                       | \$36,440.55  |
| Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?                           | No           |
| Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share? | No           |

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. §



54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

|                 |                                             |                  |                                |
|-----------------|---------------------------------------------|------------------|--------------------------------|
| <b>Title:</b>   | Superintendent                              | <b>Name:</b>     | Wayne Roedel                   |
| <b>Phone:</b>   | 517-223-6015                                | <b>Email:</b>    | roedelw@fowlervilleschools.org |
| <b>Address:</b> | 7677 SHARPE SUITE A FOWLerville<br>MI 48836 | <b>Employer:</b> | Wayne Roedel                   |

Certified Timestamp 21-Mar-2018 14:24:55 EDT



## Description of Services Ordered and Certification Form 471

### FCC Form 471

#### Application Information

**Nickname** FY18-471-2 Fowlerville      **Application Number** 181025407  
**Funding Year** 2018      **Category of Service** Category 2

#### Billed Entity

FOWLERVILLE COMM SCHOOL DIST  
7677 SHARPE SUITE A FOWLERVILLE MI 48836  
517-223-6000  
damerowg@fowlervilleschools.org

#### Contact Information

Robert Rice  
810-923-9290  
bob@triple-r.us

**Billed Entity Number** 131203  
**FCC Registration Number** 0012097507  
**Applicant Type** School District

#### Consulting Firms

| Name                 | Consultant Registration Number | City       | State | Zip Code | Phone Number | Email           |
|----------------------|--------------------------------|------------|-------|----------|--------------|-----------------|
| Triple R Consultants | 16055924                       | South Lyon | MI    | 48178    | 248-446-8125 | bob@triple-r.us |

#### Entity Information

##### School District Entity - Details

| BEN    | Name                         | Urban/Rural | State LEA ID | State School ID | NCES Code | School District Attributes | Endowment |
|--------|------------------------------|-------------|--------------|-----------------|-----------|----------------------------|-----------|
| 131203 | FOWLERVILLE COMM SCHOOL DIST | Rural       | 47030        |                 |           | Public School District     | None      |

#### Related Entity Information

##### Related Child School Entity - Details

| BEN    | Name                           | Urban/Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes    | Endowment |
|--------|--------------------------------|-------------|--------------|-----------------|-----------|----------------------|----------------------|-----------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | Rural       |              | 26              |           | None                 | Public School        | None      |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | Rural       |              | 26              |           | None                 | Pre-K; Public School | None      |
| 56501  | FOWLERVILLE HIGH SCHOOL        | Rural       | 01286        | 47030           |           | None                 | Public School        | None      |
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | Rural       |              | 26              |           | None                 | Public School        | None      |

### Related Child School Entity - Discount Rate Calculation Details

| <b>BEN</b> | <b>Name</b>                    | <b>Urban/<br/>Rural</b> | <b>Number of<br/>Students</b> | <b>Students<br/>Count Based<br/>on Estimate</b> | <b>CEP<br/>Percentage</b> |
|------------|--------------------------------|-------------------------|-------------------------------|-------------------------------------------------|---------------------------|
| 56498      | KREEGER ELEMENTARY SCHOOL      | Rural                   | 659                           | N/A                                             |                           |
| 56500      | H T SMITH EARLY CHILDHOOD CEN  | Rural                   | 576                           | N/A                                             |                           |
| 56501      | FOWLerville HIGH SCHOOL        | Rural                   | 893                           | N/A                                             |                           |
| 221350     | FOWLerville JUNIOR HIGH SCHOOL | Rural                   | 691                           | N/A                                             |                           |

### Related School District NIFs

| <b>School<br/>District<br/>BEN</b> | <b>School District Name</b>  | <b>NIF BEN</b> | <b>NIF Name</b>                    |
|------------------------------------|------------------------------|----------------|------------------------------------|
| 131203                             | FOWLerville COMM SCHOOL DIST | 56496          | FOWLerville COMMUNITY ED CENTER    |
| 131203                             | FOWLerville COMM SCHOOL DIST | 16027705       | MAX BESSERT TRANSPORTATION COMPLEX |

### Discount Rate

| <b>School District<br/>Enrollment</b> | <b>School District<br/>NSLP Count</b> | <b>School District<br/>NSLP Percentage</b> | <b>School District<br/>Urban/<br/>Rural Status</b> | <b>Category One<br/>Discount Rate</b> | <b>Category Two<br/>Discount Rate</b> | <b>Voice<br/>Discount Rate</b> |
|---------------------------------------|---------------------------------------|--------------------------------------------|----------------------------------------------------|---------------------------------------|---------------------------------------|--------------------------------|
| 2819                                  | 1011                                  | 36.0%                                      | Rural                                              | 70%                                   | 70%                                   | 0%                             |

## [Funding Request for FRN #1899049302](#)

**Funding Request Nickname:** Delta-NE JR HS

**Service Type:** Internal Connections

### **Agreement Information - Contract**

|                                                                                       |                |                                                                                     |                                                |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                             |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Delta Network Services LLC<br>(SPN: 143027627) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                             |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                             |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                             |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                             |

### **Pricing Confidentiality**

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Network Electronics

Line Item # 1899049302.001

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16535  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$1,664.30    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$1,664.30  |
| One-time Quantity                            | x 19          |
| Total Eligible One-time Costs                | = \$31,621.70 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$31,621.70 |
| Pre-Discout Extended Eligible Line Item Cost | = \$31,621.70 |

Recipients of Services

| BEN    | Name                           | Amount      |
|--------|--------------------------------|-------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$31,621.70 |

Line Item # 1899049302.002

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16542  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.002

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$255.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$255.00   |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$1,530.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,530.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,530.00 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$1,530.00 |



Line Item # 1899049302.003

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10061  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.003

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$5.10    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$5.10  |
| One-time Quantity                            | x 19      |
| Total Eligible One-time Costs                | = \$96.90 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$96.90 |
| Pre-Discout Extended Eligible Line Item Cost | = \$96.90 |

Recipients of Services

| BEN    | Name                           | Amount  |
|--------|--------------------------------|---------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$96.90 |

Line Item # 1899049302.004

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16179  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$2,242.30    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$2,242.30  |
| One-time Quantity                            | x 6           |
| Total Eligible One-time Costs                | = \$13,453.80 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$13,453.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$13,453.80 |

Recipients of Services

| BEN    | Name                           | Amount      |
|--------|--------------------------------|-------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$13,453.80 |

Line Item # 1899049302.005

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10945  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.005

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |            |
|----------------------------------------------|------------|
| One-Time Cost                                |            |
| One-time Unit Cost                           | \$100.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$100.30 |
| One-time Quantity                            | x 6        |
| Total Eligible One-time Costs                | = \$601.80 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$601.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$601.80 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$601.80 |

Line Item # 1899049302.006

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10941  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$372.30     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$372.30   |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$2,233.80 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,233.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,233.80 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$2,233.80 |



Line Item # 1899049302.007

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10099  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.007

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$8.50    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$8.50  |
| One-time Quantity                            | x 6       |
| Total Eligible One-time Costs                | = \$51.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$51.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$51.00 |

Recipients of Services

| BEN    | Name                           | Amount  |
|--------|--------------------------------|---------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$51.00 |

Line Item # 1899049302.008

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16190  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049302.008

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$338.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$338.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$676.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$676.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$676.60 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$676.60 |

Line Item # 1899049302.009

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10304 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049302.009

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$16.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$16.50  |
| One-time Quantity                            | x 14       |
| Total Eligible One-time Costs                | = \$231.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$231.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$231.00 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$231.00 |

Line Item # 1899049302.010

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10305 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049302.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$22.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$22.50  |
| One-time Quantity                            | x 8        |
| Total Eligible One-time Costs                | = \$180.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$180.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$180.00 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$180.00 |



Line Item # 1899049302.011

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10311 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049302.011

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$40.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$40.50  |
| One-time Quantity                            | x 4        |
| Total Eligible One-time Costs                | = \$162.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$162.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$162.00 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$162.00 |

Line Item # 1899049302.012

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10312 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049302.012

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$45.00   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$45.00 |
| One-time Quantity                            | x 1       |
| Total Eligible One-time Costs                | = \$45.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$45.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$45.00 |

Recipients of Services

| BEN    | Name                           | Amount  |
|--------|--------------------------------|---------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$45.00 |

Line Item # 1899049302.013

Product and Service Details

|                                    |                   |                                                |            |
|------------------------------------|-------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch     |
| Make                               | Extreme Networks  | Model                                          | ADDO-10302 |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899049302.013

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$345.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$345.00   |
| One-time Quantity                            | x 26         |
| Total Eligible One-time Costs                | = \$8,970.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$8,970.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$8,970.00 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$8,970.00 |

Line Item # 1899049302.014

Product and Service Details

|                                    |                   |                                                |            |
|------------------------------------|-------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch     |
| Make                               | Extreme Networks  | Model                                          | ADDO-1007H |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899049302.014

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$442.50     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$442.50   |
| One-time Quantity                            | x 10         |
| Total Eligible One-time Costs                | = \$4,425.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$4,425.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$4,425.00 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$4,425.00 |



Line Item # 1899049302.015

Product and Service Details

|                                    |                    |                                                |                   |
|------------------------------------|--------------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling           |
| Make                               | Other              | Model                                          | FIBER-OS2-LCSC-3M |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049302.015

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$14.00    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$14.00  |
| One-time Quantity                            | x 40       |
| Total Eligible One-time Costs                | = \$560.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$560.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$560.00 |

Recipients of Services

| BEN    | Name                           | Amount   |
|--------|--------------------------------|----------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$560.00 |

Line Item # 1899049302.017

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX2200RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049302.017

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$1,631.50   |
| One-time Ineligible Unit Costs               | - \$149.00   |
| One-time Eligible Unit Cost                  | = \$1,482.50 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$1,482.50 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,482.50 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,482.50 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$1,482.50 |

Line Item # 1899049302.018

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX3000RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049302.018

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$1,880.45   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$149.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$1,731.45 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 4          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$6,925.80 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$6,925.80 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$6,925.80 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$6,925.80 |

Line Item # 1899049302.019

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PXEBM72RTU         |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049302.019

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$794.30     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$794.30   |
| One-time Quantity                            | x 4          |
| Total Eligible One-time Costs                | = \$3,177.20 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$3,177.20 |
| Pre-Discout Extended Eligible Line Item Cost | = \$3,177.20 |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$3,177.20 |



FRN Calculation for FRN #1899049302

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$77,169.10   |
| Total Ineligible One-Time Charges            | - \$745.00    |
| Total Eligible Pre-Discount One-Time Charges | = \$76,424.10 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$76,424.10 |
| Total Pre-Discount Charges                    | = \$76,424.10 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$53,496.87 |

## [Funding Request for FRN #1899049515](#)

**Funding Request Nickname:** Delta-NE High School

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                                |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                             |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Delta Network Services LLC<br>(SPN: 143027627) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                             |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                             |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                             |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                             |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Network Electronics

Line Item # 1899049515.001

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16535  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$1,664.30    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$1,664.30  |
| One-time Quantity                            | x 26          |
| Total Eligible One-time Costs                | = \$43,271.80 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$43,271.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$43,271.80 |

Recipients of Services

| BEN   | Name                    | Amount      |
|-------|-------------------------|-------------|
| 56501 | FOWLerville HIGH SCHOOL | \$43,271.80 |

Line Item # 1899049515.002

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16542  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.002

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$255.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$255.00   |
| One-time Quantity                            | x 20         |
| Total Eligible One-time Costs                | = \$5,100.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$5,100.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$5,100.00 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$5,100.00 |

Line Item # 1899049515.003

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10061  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.003

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$5.10     |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$5.10   |
| One-time Quantity                            | x 26       |
| Total Eligible One-time Costs                | = \$132.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$132.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$132.60 |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$132.60 |



Line Item # 1899049515.004

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16179  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$2,242.30    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$2,242.30  |
| One-time Quantity                            | x 6           |
| Total Eligible One-time Costs                | = \$13,453.80 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$13,453.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$13,453.80 |

Recipients of Services

| BEN   | Name                    | Amount      |
|-------|-------------------------|-------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$13,453.80 |

Line Item # 1899049515.005

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10945  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$100.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$100.30 |
| One-time Quantity                            | x 6        |
| Total Eligible One-time Costs                | = \$601.80 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$601.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$601.80 |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$601.80 |

Line Item # 1899049515.006

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10941  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$372.30     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$372.30   |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$2,233.80 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,233.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,233.80 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$2,233.80 |

Line Item # 1899049515.007

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10099  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049515.007

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |           |
|----------------------------------------------|-----------|
| One-Time Cost                                |           |
| One-time Unit Cost                           | \$8.50    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$8.50  |
| One-time Quantity                            | x 6       |
| Total Eligible One-time Costs                | = \$51.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$51.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$51.00 |

Recipients of Services

| BEN   | Name                    | Amount  |
|-------|-------------------------|---------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$51.00 |



Line Item # 1899049515.009

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10304 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049515.009

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                 |            |
|-----------------------------------------------|------------|
| One-time Unit Cost                            | \$16.50    |
| One-time Ineligible Unit Costs                | - \$0.00   |
| One-time Eligible Unit Cost                   | = \$16.50  |
| One-time Quantity                             | x 26       |
| Total Eligible One-time Costs                 | = \$429.00 |
| Summary                                       |            |
| Total Eligible Recurring Costs                | \$0.00     |
| Total Eligible One-time Costs                 | + \$429.00 |
| Pre-Discourt Extended Eligible Line Item Cost | = \$429.00 |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$429.00 |

Line Item # 1899049515.010

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10305 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049515.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$22.50   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$22.50 |
| One-time Quantity                            | x 2       |
| Total Eligible One-time Costs                | = \$45.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$45.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$45.00 |

Recipients of Services

| BEN   | Name                    | Amount  |
|-------|-------------------------|---------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$45.00 |

Line Item # 1899049515.011

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10311 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049515.011

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$40.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$40.50  |
| One-time Quantity                            | x 5        |
| Total Eligible One-time Costs                | = \$202.50 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$202.50 |
| Pre-Discout Extended Eligible Line Item Cost | = \$202.50 |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$202.50 |

Line Item # 1899049515.012

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10312 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049515.012

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$45.00   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$45.00 |
| One-time Quantity                            | x 1       |
| Total Eligible One-time Costs                | = \$45.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$45.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$45.00 |

Recipients of Services

| BEN   | Name                    | Amount  |
|-------|-------------------------|---------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$45.00 |



Line Item # 1899049515.013

Product and Service Details

|                                    |                   |                                                |            |
|------------------------------------|-------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch     |
| Make                               | Extreme Networks  | Model                                          | ADDO-10302 |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899049515.013

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$345.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$345.00   |
| One-time Quantity                            | x 26         |
| Total Eligible One-time Costs                | = \$8,970.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$8,970.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$8,970.00 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$8,970.00 |

Line Item # 1899049515.015

Product and Service Details

|                                    |                    |                                                |                   |
|------------------------------------|--------------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling           |
| Make                               | Other              | Model                                          | FIBER-OS2-LCSC-3M |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049515.015

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$14.00    |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$14.00  |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 28       |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$392.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$392.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$392.00 |
|                                         |          |                                              |            |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$392.00 |

Line Item # 1899049515.017

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX2200RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049515.017

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$1,631.50   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$149.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$1,482.50 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 6          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$8,895.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$8,895.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$8,895.00 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$8,895.00 |

Line Item # 1899049515.018

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX3000RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049515.018

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$1,880.45   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$149.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$1,731.45 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,731.45 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,731.45 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,731.45 |
|                                         |          |                                              |              |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$1,731.45 |



Line Item # 1899049515.019

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PXEBM72RTU         |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049515.019

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$794.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$794.30 |
| One-time Quantity                            | x 1        |
| Total Eligible One-time Costs                | = \$794.30 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$794.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$794.30 |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$794.30 |

FRN Calculation for FRN #1899049515

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$87,392.05   |
| Total Ineligible One-Time Charges            | - \$1,043.00  |
| Total Eligible Pre-Discount One-Time Charges | = \$86,349.05 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$86,349.05 |
| Total Pre-Discount Charges                    | = \$86,349.05 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$60,444.34 |

## Funding Request for FRN #1899049711

**Funding Request Nickname:** Delta-NE Kreeger

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                                |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                             |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Delta Network Services LLC<br>(SPN: 143027627) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                             |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                             |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                             |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                             |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Network Electronics

Line Item # 1899049711.001

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16535  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$1,664.30    |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$1,664.30  |
| One-time Quantity                            | x 8           |
| Total Eligible One-time Costs                | = \$13,314.40 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$13,314.40 |
| Pre-Discout Extended Eligible Line Item Cost | = \$13,314.40 |

Recipients of Services

| BEN   | Name                      | Amount      |
|-------|---------------------------|-------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$13,314.40 |

Line Item # 1899049711.002

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16542  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.002

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |            |
|----------------------------------------------|------------|
| One-Time Cost                                |            |
| One-time Unit Cost                           | \$255.00   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$255.00 |
| One-time Quantity                            | x 3        |
| Total Eligible One-time Costs                | = \$765.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$765.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$765.00 |

Recipients of Services

| BEN   | Name                      | Amount   |
|-------|---------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$765.00 |



Line Item # 1899049711.003

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10061  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.003

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$5.10    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$5.10  |
| One-time Quantity                            | x 8       |
| Total Eligible One-time Costs                | = \$40.80 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$40.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$40.80 |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$40.80 |

Line Item # 1899049711.004

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16179  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$2,242.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$2,242.30 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$2,242.30 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,242.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,242.30 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$2,242.30 |

Line Item # 1899049711.005

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10945  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$100.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$100.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$200.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$200.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$200.60 |

Recipients of Services

| BEN   | Name                      | Amount   |
|-------|---------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$200.60 |

Line Item # 1899049711.006

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10941  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$372.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$372.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$744.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$744.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$744.60 |

Recipients of Services

| BEN   | Name                      | Amount   |
|-------|---------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$744.60 |



Line Item # 1899049711.007

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10099  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.007

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$8.50    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$8.50  |
| One-time Quantity                            | x 2       |
| Total Eligible One-time Costs                | = \$17.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$17.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$17.00 |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$17.00 |

Line Item # 1899049711.008

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10304 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049711.008

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$16.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$16.50  |
| One-time Quantity                            | x 8        |
| Total Eligible One-time Costs                | = \$132.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$132.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$132.00 |

Recipients of Services

| BEN   | Name                      | Amount   |
|-------|---------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$132.00 |

Line Item # 1899049711.010

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10311 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049711.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$40.50   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$40.50 |
| One-time Quantity                            | x 2       |
| Total Eligible One-time Costs                | = \$81.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$81.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$81.00 |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$81.00 |

Line Item # 1899049711.011

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10312 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049711.011

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$45.00   |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$45.00 |
| One-time Quantity                            | x 1       |
| Total Eligible One-time Costs                | = \$45.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$45.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$45.00 |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$45.00 |



Line Item # 1899049711.012

Product and Service Details

|                                    |                   |                                                |            |
|------------------------------------|-------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch     |
| Make                               | Extreme Networks  | Model                                          | ADDO-10302 |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899049711.012

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |              |
|----------------------------------------------|--------------|
| One-Time Cost                                |              |
| One-time Unit Cost                           | \$345.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$345.00   |
| One-time Quantity                            | x 4          |
| Total Eligible One-time Costs                | = \$1,380.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,380.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,380.00 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$1,380.00 |

Line Item # 1899049711.013

Product and Service Details

|                                    |                    |                                                |                   |
|------------------------------------|--------------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling           |
| Make                               | Other              | Model                                          | FIBER-OS2-LCSC-3M |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049711.013

| Monthly Cost                            |          | One-Time Cost                                |           |
|-----------------------------------------|----------|----------------------------------------------|-----------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$14.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00  |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$14.00 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 6       |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$84.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |           |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$84.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$84.00 |
|                                         |          |                                              |           |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$84.00 |

Line Item # 1899049711.015

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX2200RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049711.015

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$1,631.50   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$149.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$1,482.50 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,482.50 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,482.50 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,482.50 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$1,482.50 |

Line Item # 1899049711.018

Product and Service Details

|                                    |               |                                                |                   |
|------------------------------------|---------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Miscellaneous | Type of Product                                | Fees, Taxes, etc. |
| Make                               | Other         | Model                                          | Shipping          |
| Is installation included in Price? | No            | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049711.018

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$560.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$560.00 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$560.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$560.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$560.00 |

Recipients of Services

| BEN   | Name                      | Amount   |
|-------|---------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$560.00 |



Line Item # 1899049711.019

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16179  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049711.019

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$2,242.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$2,242.30 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$2,242.30 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,242.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,242.30 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$2,242.30 |

FRN Calculation for FRN #1899049711

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$23,480.50   |
| Total Ineligible One-Time Charges            | - \$149.00    |
| Total Eligible Pre-Discount One-Time Charges | = \$23,331.50 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$23,331.50 |
| Total Pre-Discount Charges                    | = \$23,331.50 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$16,332.05 |

## [Funding Request for FRN #1899049845](#)

**Funding Request Nickname:** Delta-NE Smith

**Service Type:** Internal Connections

### **Agreement Information - Contract**

|                                                                                       |                |                                                                                     |                                                |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                             |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Delta Network Services LLC<br>(SPN: 143027627) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                             |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                             |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                             |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                             |

### **Pricing Confidentiality**

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Network Electronics

Line Item # 1899049845.001

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16535  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$1,664.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$1,664.30 |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$9,985.80 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$9,985.80 |
| Pre-Discout Extended Eligible Line Item Cost | = \$9,985.80 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$9,985.80 |

Line Item # 1899049845.002

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16542  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.002

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$255.00   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$255.00 |
| One-time Quantity                            | x 3        |
| Total Eligible One-time Costs                | = \$765.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$765.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$765.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$765.00 |



Line Item # 1899049845.003

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10061  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.003

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$5.10    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$5.10  |
| One-time Quantity                            | x 6       |
| Total Eligible One-time Costs                | = \$30.60 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$30.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$30.60 |

Recipients of Services

| BEN   | Name                          | Amount  |
|-------|-------------------------------|---------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$30.60 |

Line Item # 1899049845.004

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16179  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$2,242.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$2,242.30 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$2,242.30 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,242.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,242.30 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$2,242.30 |

Line Item # 1899049845.005

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10945  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$100.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$100.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$200.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$200.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$200.60 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$200.60 |

Line Item # 1899049845.006

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10941  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$372.30   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$372.30 |
| One-time Quantity                            | x 2        |
| Total Eligible One-time Costs                | = \$744.60 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$744.60 |
| Pre-Discout Extended Eligible Line Item Cost | = \$744.60 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$744.60 |



Line Item # 1899049845.007

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 10099  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.007

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$8.50    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$8.50  |
| One-time Quantity                            | x 2       |
| Total Eligible One-time Costs                | = \$17.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$17.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$17.00 |

Recipients of Services

| BEN   | Name                          | Amount  |
|-------|-------------------------------|---------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$17.00 |

Line Item # 1899049845.008

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10304 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049845.008

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$16.50    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$16.50  |
| One-time Quantity                            | x 9        |
| Total Eligible One-time Costs                | = \$148.50 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$148.50 |
| Pre-Discout Extended Eligible Line Item Cost | = \$148.50 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$148.50 |

Line Item # 1899049845.009

Product and Service Details

|                                    |                   |                                                |        |
|------------------------------------|-------------------|------------------------------------------------|--------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch |
| Make                               | Extreme Networks  | Model                                          | 16175  |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No     |

Cost Calculation for FRN Line Item # 1899049845.009

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$1,732.30   |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$1,732.30 |
| One-time Quantity                            | x 1          |
| Total Eligible One-time Costs                | = \$1,732.30 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,732.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,732.30 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$1,732.30 |

Line Item # 1899049845.010

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | DELTA-10312 |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899049845.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$45.00    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$45.00  |
| One-time Quantity                            | x 3        |
| Total Eligible One-time Costs                | = \$135.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$135.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$135.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$135.00 |



Line Item # 1899049845.011

Product and Service Details

|                                    |                   |                                                |            |
|------------------------------------|-------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Data Distribution | Type of Product                                | Switch     |
| Make                               | Extreme Networks  | Model                                          | ADDO-10302 |
| Is installation included in Price? | No                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899049845.011

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$345.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$345.00   |
| One-time Quantity                            | x 6          |
| Total Eligible One-time Costs                | = \$2,070.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,070.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,070.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$2,070.00 |

Line Item # 1899049845.012

Product and Service Details

|                                    |                    |                                                |                   |
|------------------------------------|--------------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling           |
| Make                               | Other              | Model                                          | FIBER-OS2-LCSC-3M |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049845.012

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$14.00    |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$14.00  |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 8        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$112.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$112.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$112.00 |
|                                         |          |                                              |            |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$112.00 |

Line Item # 1899049845.014

Product and Service Details

|                                    |                 |                                                |                     |
|------------------------------------|-----------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Data Protection | Type of Product                                | UPS/ Battery Backup |
| Make                               | Eaton           | Model                                          | 5PX2200RTN          |
| Is installation included in Price? | No              | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899049845.014

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$1,631.50   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$149.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$1,482.50 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,482.50 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,482.50 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,482.50 |
|                                         |          |                                              |              |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$1,482.50 |

Line Item # 1899049845.015

Product and Service Details

|                                    |               |                                                |                   |
|------------------------------------|---------------|------------------------------------------------|-------------------|
| Type of Internal Connection        | Miscellaneous | Type of Product                                | Fees, Taxes, etc. |
| Make                               | Other         | Model                                          | Shipping          |
| Is installation included in Price? | No            | Is the hardware for this FRN line item leased? | No                |

Cost Calculation for FRN Line Item # 1899049845.015

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$500.00   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$500.00 |
| One-time Quantity                            | x 1        |
| Total Eligible One-time Costs                | = \$500.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$500.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$500.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$500.00 |



FRN Calculation for FRN #1899049845

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$20,315.20   |
| Total Ineligible One-Time Charges            | - \$149.00    |
| Total Eligible Pre-Discount One-Time Charges | = \$20,166.20 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$20,166.20 |
| Total Pre-Discount Charges                    | = \$20,166.20 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$14,116.34 |

## **Funding Request for FRN #1899050003**

**Funding Request Nickname:** Vector-WNE JR HS

**Service Type:** Internal Connections

### **Agreement Information - Contract**

|                                                                                       |                |                                                                                     |                                    |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                 |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Vector Tech Group (SPN: 143049512) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                 |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                 |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                 |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                    |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                    |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                 |

### **Pricing Confidentiality**

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Wireless Network Electronics

Line Item # 1899050003.001

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 901-R610-US00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050003.001

| Monthly Cost                            |          | One-Time Cost                                |               |
|-----------------------------------------|----------|----------------------------------------------|---------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$343.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00      |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$343.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 45          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$15,435.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |               |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$15,435.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$15,435.00 |
|                                         |          |                                              |               |

Recipients of Services

| BEN    | Name                           | Amount      |
|--------|--------------------------------|-------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$15,435.00 |

Line Item # 1899050003.002

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | L09-0001-SG00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050003.002

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$42.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$42.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 45         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,890.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,890.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,890.00 |
|                                         |          |                                              |              |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$1,890.00 |

Line Item # 1899050003.003

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | S41-0001-3LER |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050003.003

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$30.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$30.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 45         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,350.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,350.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,350.00 |
|                                         |          |                                              |              |

Recipients of Services

| BEN    | Name                           | Amount     |
|--------|--------------------------------|------------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$1,350.00 |



Line Item # 1899050003.005

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | cat-6-patch |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899050003.005

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |           |
|----------------------------------------------|-----------|
| One-Time Cost                                |           |
| One-time Unit Cost                           | \$2.00    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$2.00  |
| One-time Quantity                            | x 45      |
| Total Eligible One-time Costs                | = \$90.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$90.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$90.00 |

Recipients of Services

| BEN    | Name                           | Amount  |
|--------|--------------------------------|---------|
| 221350 | FOWLERVILLE JUNIOR HIGH SCHOOL | \$90.00 |

FRN Calculation for FRN #1899050003

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$18,765.00   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$18,765.00 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$18,765.00 |
| Total Pre-Discount Charges                    | = \$18,765.00 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$13,135.50 |

## Funding Request for FRN #1899050045

**Funding Request Nickname:** Vector-WNE High School

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                    |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                 |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Vector Tech Group (SPN: 143049512) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                 |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                 |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                 |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                    |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                    |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                 |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Wireless Network Electronics

Line Item # 1899050045.001

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 901-R610-US00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050045.001

| Monthly Cost                            |          | One-Time Cost                                |               |
|-----------------------------------------|----------|----------------------------------------------|---------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$343.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00      |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$343.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 78          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$26,754.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |               |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$26,754.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$26,754.00 |
|                                         |          |                                              |               |

Recipients of Services

| BEN   | Name                    | Amount      |
|-------|-------------------------|-------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$26,754.00 |

Line Item # 1899050045.002

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | L09-0001-SG00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050045.002

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$42.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$42.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 82         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$3,444.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$3,444.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$3,444.00 |
|                                         |          |                                              |              |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLerville HIGH SCHOOL | \$3,444.00 |



Line Item # 1899050045.003

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | S41-0001-3LER |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050045.003

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |              |
|----------------------------------------------|--------------|
| One-Time Cost                                |              |
| One-time Unit Cost                           | \$30.00      |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$30.00    |
| One-time Quantity                            | x 82         |
| Total Eligible One-time Costs                | = \$2,460.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$2,460.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$2,460.00 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$2,460.00 |

Line Item # 1899050045.005

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | cat-6-patch |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899050045.005

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$2.00     |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$2.00   |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 82       |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$164.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$164.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$164.00 |
|                                         |          |                                              |            |

Recipients of Services

| BEN   | Name                    | Amount   |
|-------|-------------------------|----------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$164.00 |

Line Item # 1899050045.006

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 901-R720-US00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050045.006

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$497.00     |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$497.00   |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 4          |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,988.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,988.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,988.00 |

Recipients of Services

| BEN   | Name                    | Amount     |
|-------|-------------------------|------------|
| 56501 | FOWLERVILLE HIGH SCHOOL | \$1,988.00 |

FRN Calculation for FRN #1899050045

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$34,810.00   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$34,810.00 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$34,810.00 |
| Total Pre-Discount Charges                    | = \$34,810.00 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$24,367.00 |

## [Funding Request for FRN #1899050129](#)

**Funding Request Nickname:** Vector-WNE Kreeger

**Service Type:** Internal Connections

### **Agreement Information - Contract**

|                                                                                       |                |                                                                                     |                                    |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                 |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Vector Tech Group (SPN: 143049512) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                 |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                 |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                 |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                    |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                    |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                 |

### **Pricing Confidentiality**

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Wireless Network Electronics



Line Item # 1899050129.001

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 901-R610-US00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050129.001

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |               |
|----------------------------------------------|---------------|
| One-Time Cost                                |               |
| One-time Unit Cost                           | \$343.00      |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$343.00    |
| One-time Quantity                            | x 38          |
| Total Eligible One-time Costs                | = \$13,034.00 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$13,034.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$13,034.00 |

Recipients of Services

| BEN   | Name                      | Amount      |
|-------|---------------------------|-------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$13,034.00 |

Line Item # 1899050129.002

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | L09-0001-SG00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050129.002

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$42.00      |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$42.00    |
| One-time Quantity                            | x 38         |
| Total Eligible One-time Costs                | = \$1,596.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,596.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,596.00 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$1,596.00 |

Line Item # 1899050129.003

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | S41-0001-3LER |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050129.003

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$30.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$30.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 38         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,140.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,140.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,140.00 |

Recipients of Services

| BEN   | Name                      | Amount     |
|-------|---------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$1,140.00 |

Line Item # 1899050129.005

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | cat-6-patch |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899050129.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$2.00    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$2.00  |
| One-time Quantity                            | x 38      |
| Total Eligible One-time Costs                | = \$76.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$76.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$76.00 |

Recipients of Services

| BEN   | Name                      | Amount  |
|-------|---------------------------|---------|
| 56498 | KREEGER ELEMENTARY SCHOOL | \$76.00 |



FRN Calculation for FRN #1899050129

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$15,846.00   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$15,846.00 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$15,846.00 |
| Total Pre-Discount Charges                    | = \$15,846.00 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$11,092.20 |

## [Funding Request for FRN #1899050154](#)

**Funding Request Nickname:** Vector-WNE Smith

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                    |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                 |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Vector Tech Group (SPN: 143049512) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                 |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                 |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                 |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                    |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                    |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                 |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** Wireless Network Electronics

Line Item # 1899050154.001

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 901-R610-US00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050154.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$343.00      |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$343.00    |
| One-time Quantity                            | x 34          |
| Total Eligible One-time Costs                | = \$11,662.00 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$11,662.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$11,662.00 |

Recipients of Services

| BEN   | Name                          | Amount      |
|-------|-------------------------------|-------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$11,662.00 |

Line Item # 1899050154.002

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | L09-0001-SG00 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050154.002

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$42.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$42.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 34         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,428.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,428.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,428.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$1,428.00 |

Line Item # 1899050154.003

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | S41-0001-3LER |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050154.003

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$30.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$30.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 34         |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$1,020.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$1,020.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$1,020.00 |
|                                         |          |                                              |              |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$1,020.00 |



Line Item # 1899050154.005

Product and Service Details

|                                    |                    |                                                |             |
|------------------------------------|--------------------|------------------------------------------------|-------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling     |
| Make                               | Other              | Model                                          | cat-6-patch |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No          |

Cost Calculation for FRN Line Item # 1899050154.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |           |
|----------------------------------------------|-----------|
| One-time Unit Cost                           | \$2.00    |
| One-time Ineligible Unit Costs               | - \$0.00  |
| One-time Eligible Unit Cost                  | = \$2.00  |
| One-time Quantity                            | x 34      |
| Total Eligible One-time Costs                | = \$68.00 |
| Summary                                      |           |
| Total Eligible Recurring Costs               | \$0.00    |
| Total Eligible One-time Costs                | + \$68.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$68.00 |

Recipients of Services

| BEN   | Name                          | Amount  |
|-------|-------------------------------|---------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$68.00 |

Line Item # 1899050154.006

Product and Service Details

|                                    |                            |                                                |               |
|------------------------------------|----------------------------|------------------------------------------------|---------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Access Point  |
| Make                               | Ruckus                     | Model                                          | 902-0120-0000 |
| Is installation included in Price? | No                         | Is the hardware for this FRN line item leased? | No            |

Cost Calculation for FRN Line Item # 1899050154.006

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$15.00    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$15.00  |
| One-time Quantity                            | x 34       |
| Total Eligible One-time Costs                | = \$510.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$510.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$510.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$510.00 |

FRN Calculation for FRN #1899050154

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |               |
|----------------------------------------------|---------------|
| Total One-Time Charges                       | \$14,688.00   |
| Total Ineligible One-Time Charges            | - \$0.00      |
| Total Eligible Pre-Discount One-Time Charges | = \$14,688.00 |

| Total Requested Amount                        |               |
|-----------------------------------------------|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00        |
| Total Eligible Pre-Discount One-Time Charges  | + \$14,688.00 |
| Total Pre-Discount Charges                    | = \$14,688.00 |
| Discount Rate                                 | 70%           |
| Funding Commitment Request                    | = \$10,281.60 |

## [Funding Request for FRN #1899051389](#)

**Funding Request Nickname:** Vector-WNE Contoller

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                    |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                 |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Vector Tech Group (SPN: 143049512) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                 |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                 |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                 |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                    |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                    |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                 |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** WNE

Line Item # 1899051389.001

Product and Service Details

|                                    |                            |                                                |                     |
|------------------------------------|----------------------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Wireless Controller |
| Make                               | Ruckus                     | Model                                          | L09-VSCG-WW00       |
| Is installation included in Price? | Yes                        | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899051389.001

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$900.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$900.00 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$900.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$900.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$900.00 |
|                                         |          |                                              |            |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$576.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$324.00 |



Line Item # 1899051389.002

Product and Service Details

|                                    |                            |                                                |                     |
|------------------------------------|----------------------------|------------------------------------------------|---------------------|
| Type of Internal Connection        | Wireless Data Distribution | Type of Product                                | Wireless Controller |
| Make                               | Ruckus                     | Model                                          | S41-VSCG-3LER       |
| Is installation included in Price? | Yes                        | Is the hardware for this FRN line item leased? | No                  |

Cost Calculation for FRN Line Item # 1899051389.002

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$300.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$300.00 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$300.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$300.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$300.00 |
|                                         |          |                                              |            |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$192.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$108.00 |

FRN Calculation for FRN #1899051389

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |              |
|----------------------------------------------|--------------|
| Total One-Time Charges                       | \$1,200.00   |
| Total Ineligible One-Time Charges            | - \$0.00     |
| Total Eligible Pre-Discount One-Time Charges | = \$1,200.00 |

| Total Requested Amount                        |              |
|-----------------------------------------------|--------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00       |
| Total Eligible Pre-Discount One-Time Charges  | + \$1,200.00 |
| Total Pre-Discount Charges                    | = \$1,200.00 |
| Discount Rate                                 | 70%          |
| Funding Commitment Request                    | = \$840.00   |

## [Funding Request for FRN #1899053639](#)

**Funding Request Nickname:** AmComm-SC

**Service Type:** Internal Connections

### Agreement Information - Contract

|                                                                                       |                |                                                                                     |                                                 |
|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------|
| <b>Contract Number</b>                                                                | NA             | <b>Account Number</b>                                                               | NA                                              |
| <b>Establishing FCC Form 470</b>                                                      | 180017346      | <b>Service Provider</b>                                                             | Amcomm Telecommunications Inc. (SPN: 143008332) |
| <b>Was an FCC Form 470 posted for the product and/or services you are requesting?</b> | Yes            | <b>Based on State Master Contract?</b>                                              | No                                              |
| <b>Award Date</b>                                                                     | March 19, 2018 | <b>Based on a multiple award schedule?</b>                                          | No                                              |
| <b>How many bids were received for this contract?</b>                                 | 4              | <b>Includes Voluntary Extensions?</b>                                               | No                                              |
| <b>What is the service start date?</b>                                                | July 01, 2018  | <b>Remaining Voluntary Extensions</b>                                               |                                                 |
|                                                                                       |                | <b>Total Remaining Contract Length</b>                                              |                                                 |
|                                                                                       |                | <b>What is the date your contract expires for the current term of the contract?</b> | September 30, 2019                              |

### Pricing Confidentiality

**Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract?** No

**Narrative** District Wide Structured Cabling

Line Item # 1899053639.001

Product and Service Details

|                                    |                    |                                                |                               |
|------------------------------------|--------------------|------------------------------------------------|-------------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling                       |
| Make                               | Mohawk             | Model                                          | Category 6 UTP Cable - Plenum |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                            |

Cost Calculation for FRN Line Item # 1899053639.001

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |               |
|----------------------------------------------|---------------|
| One-time Unit Cost                           | \$0.52        |
| One-time Ineligible Unit Costs               | - \$0.00      |
| One-time Eligible Unit Cost                  | = \$0.52      |
| One-time Quantity                            | x 181203      |
| Total Eligible One-time Costs                | = \$94,225.56 |
| Summary                                      |               |
| Total Eligible Recurring Costs               | \$0.00        |
| Total Eligible One-time Costs                | + \$94,225.56 |
| Pre-Discout Extended Eligible Line Item Cost | = \$94,225.56 |

Recipients of Services

| BEN    | Name                           | Amount      |
|--------|--------------------------------|-------------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | \$33,847.11 |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | \$29,619.20 |
| 221350 | FOWLerville JUNIOR HIGH SCHOOL | \$12,608.25 |
| 56501  | FOWLerville HIGH SCHOOL        | \$18,151.00 |

Line Item # 1899053639.002

Product and Service Details

|                                    |                    |                                                |                           |
|------------------------------------|--------------------|------------------------------------------------|---------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors                |
| Make                               | Hubbell            | Model                                          | Cat6 Jacks - Station Side |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                        |

Cost Calculation for FRN Line Item # 1899053639.002

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$15.50      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$15.50    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 610        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$9,455.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$9,455.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$9,455.00 |
|                                         |          |                                              |              |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$4,395.80 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$5,059.20 |



Line Item # 1899053639.003

Product and Service Details

|                                    |                    |                                                |                    |
|------------------------------------|--------------------|------------------------------------------------|--------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors         |
| Make                               | Hubbell            | Model                                          | Faceplate Hardware |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                 |

Cost Calculation for FRN Line Item # 1899053639.003

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |              |
|----------------------------------------------|--------------|
| One-Time Cost                                |              |
| One-time Unit Cost                           | \$10.50      |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$10.50    |
| One-time Quantity                            | x 610        |
| Total Eligible One-time Costs                | = \$6,405.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$6,405.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$6,405.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$3,427.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$2,978.00 |

Line Item # 1899053639.004

Product and Service Details

|                                    |                    |                                                |                             |
|------------------------------------|--------------------|------------------------------------------------|-----------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling                     |
| Make                               | Hubbell            | Model                                          | Cat6 Patch Panel - 24 - Mod |
| Is installation included in Price? | No                 | Is the hardware for this FRN line item leased? | No                          |

Cost Calculation for FRN Line Item # 1899053639.004

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$41.00      |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$41.00    |
| One-time Quantity                            | x 30         |
| Total Eligible One-time Costs                | = \$1,230.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,230.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,230.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$656.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$574.00 |

Line Item # 1899053639.005

Product and Service Details

|                                    |                    |                                                |                               |
|------------------------------------|--------------------|------------------------------------------------|-------------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors                    |
| Make                               | Hubbell            | Model                                          | Cat6 Jacks - Patch Panel Side |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                            |

Cost Calculation for FRN Line Item # 1899053639.005

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$15.50      |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$15.50    |
| One-time Quantity                            | x 610        |
| Total Eligible One-time Costs                | = \$9,455.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$9,455.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$9,455.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$5,059.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$4,396.00 |

Line Item # 1899053639.006

Product and Service Details

|                                    |               |                                                |                                                   |
|------------------------------------|---------------|------------------------------------------------|---------------------------------------------------|
| Type of Internal Connection        | Miscellaneous | Type of Product                                | Installation, Activation, & Initial Configuration |
| Make                               | Other         | Model                                          | Testing / Documentation                           |
| Is installation included in Price? | Yes           | Is the hardware for this FRN line item leased? | No                                                |

Cost Calculation for FRN Line Item # 1899053639.006

| Monthly Cost                            |          | One-Time Cost                                |              |
|-----------------------------------------|----------|----------------------------------------------|--------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$12.00      |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00     |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$12.00    |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 610        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$7,320.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |              |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$7,320.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$7,320.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$3,917.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$3,403.00 |



Line Item # 1899053639.007

Product and Service Details

|                                    |                    |                                                |                    |
|------------------------------------|--------------------|------------------------------------------------|--------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors         |
| Make                               | Other              | Model                                          | J Hooks / Pathways |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                 |

Cost Calculation for FRN Line Item # 1899053639.007

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$7.25     |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$7.25   |
| One-time Quantity                            | x 80       |
| Total Eligible One-time Costs                | = \$580.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$580.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$580.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$311.75 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$268.25 |

Line Item # 1899053639.008

Product and Service Details

|                                    |                    |                                                |            |
|------------------------------------|--------------------|------------------------------------------------|------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors |
| Make                               | Other              | Model                                          | Firestop   |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No         |

Cost Calculation for FRN Line Item # 1899053639.008

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |            |
|----------------------------------------------|------------|
| One-time Unit Cost                           | \$60.00    |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$60.00  |
| One-time Quantity                            | x 4        |
| Total Eligible One-time Costs                | = \$240.00 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$240.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$240.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$120.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$120.00 |

Line Item # 1899053639.009

Product and Service Details

|                                    |                    |                                                |         |
|------------------------------------|--------------------|------------------------------------------------|---------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Cabling |
| Make                               | Other              | Model                                          | Labels  |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No      |

Cost Calculation for FRN Line Item # 1899053639.009

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |              |
|----------------------------------------------|--------------|
| One-Time Cost                                |              |
| One-time Unit Cost                           | \$100.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$100.00   |
| One-time Quantity                            | x 13         |
| Total Eligible One-time Costs                | = \$1,300.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$1,300.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$1,300.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$700.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$600.00 |

Line Item # 1899053639.010

Product and Service Details

|                                    |                    |                                                |                                                 |
|------------------------------------|--------------------|------------------------------------------------|-------------------------------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors                                      |
| Make                               | Other              | Model                                          | MDF/IDF Wallfield Support/Cables<br>Ties/Velcro |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                                              |

Cost Calculation for FRN Line Item # 1899053639.010

| Monthly Cost                            |          |
|-----------------------------------------|----------|
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

| One-Time Cost                                |              |
|----------------------------------------------|--------------|
| One-time Unit Cost                           | \$315.00     |
| One-time Ineligible Unit Costs               | - \$0.00     |
| One-time Eligible Unit Cost                  | = \$315.00   |
| One-time Quantity                            | x 10         |
| Total Eligible One-time Costs                | = \$3,150.00 |
| Summary                                      |              |
| Total Eligible Recurring Costs               | \$0.00       |
| Total Eligible One-time Costs                | + \$3,150.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$3,150.00 |

Recipients of Services

| BEN   | Name                          | Amount     |
|-------|-------------------------------|------------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$1,638.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$1,512.00 |



Line Item # 1899053639.011

Product and Service Details

|                                       |               |                                                  |                                                   |
|---------------------------------------|---------------|--------------------------------------------------|---------------------------------------------------|
| Type of Internal Connection           | Miscellaneous | Type of Product                                  | Installation, Activation, & Initial Configuration |
| Make                                  | Other         | Model                                            | Travel / Setup /Takedown/ Shipping/As Builts      |
| Is installation included in Price?Yes |               | Is the hardware for this FRN lineNo item leased? |                                                   |

Cost Calculation for FRN Line Item # 1899053639.011

|                                         |          |
|-----------------------------------------|----------|
| Monthly Cost                            |          |
| Monthly Recurring Unit Cost             | \$0.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 |
| Monthly Quantity                        | x 1      |
| Units                                   | 0        |
| Total Monthly Eligible Recurring Costs  | = \$0.00 |
| Months of Service                       | x 12     |
| Total Eligible Recurring Costs          | = \$0.00 |
|                                         |          |

|                                              |            |
|----------------------------------------------|------------|
| One-Time Cost                                |            |
| One-time Unit Cost                           | \$846.35   |
| One-time Ineligible Unit Costs               | - \$0.00   |
| One-time Eligible Unit Cost                  | = \$846.35 |
| One-time Quantity                            | x 1        |
| Total Eligible One-time Costs                | = \$846.35 |
| Summary                                      |            |
| Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible One-time Costs                | + \$846.35 |
| Pre-Discout Extended Eligible Line Item Cost | = \$846.35 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$452.70 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$393.65 |

Line Item # 1899053639.013

Product and Service Details

|                                    |                    |                                                |                                                             |
|------------------------------------|--------------------|------------------------------------------------|-------------------------------------------------------------|
| Type of Internal Connection        | Cabling/Connectors | Type of Product                                | Connectors                                                  |
| Make                               | Other              | Model                                          | Blank Faceplates as required - stainless steel, single gang |
| Is installation included in Price? | Yes                | Is the hardware for this FRN line item leased? | No                                                          |

Cost Calculation for FRN Line Item # 1899053639.013

| Monthly Cost                            |          | One-Time Cost                                |            |
|-----------------------------------------|----------|----------------------------------------------|------------|
| Monthly Recurring Unit Cost             | \$0.00   | One-time Unit Cost                           | \$627.00   |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs               | - \$0.00   |
| Monthly Recurring Unit Eligible Costs   | = \$0.00 | One-time Eligible Unit Cost                  | = \$627.00 |
| Monthly Quantity                        | x 1      | One-time Quantity                            | x 1        |
| Units                                   | 0        | Total Eligible One-time Costs                | = \$627.00 |
| Total Monthly Eligible Recurring Costs  | = \$0.00 | Summary                                      |            |
| Months of Service                       | x 12     | Total Eligible Recurring Costs               | \$0.00     |
| Total Eligible Recurring Costs          | = \$0.00 | Total Eligible One-time Costs                | + \$627.00 |
|                                         |          | Pre-Discout Extended Eligible Line Item Cost | = \$627.00 |

Recipients of Services

| BEN   | Name                          | Amount   |
|-------|-------------------------------|----------|
| 56498 | KREEGER ELEMENTARY SCHOOL     | \$335.00 |
| 56500 | H T SMITH EARLY CHILDHOOD CEN | \$292.00 |

FRN Calculation for FRN #1899053639

| Monthly Charges                               |          |
|-----------------------------------------------|----------|
| Total Monthly Recurring Charges               | \$0.00   |
| Total Monthly Ineligible Charges              | - \$0.00 |
| Total Monthly Eligible Charges                | = \$0.00 |
| Total Number of Months of Service             | x 12     |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges                             |                |
|----------------------------------------------|----------------|
| Total One-Time Charges                       | \$134,833.91   |
| Total Ineligible One-Time Charges            | - \$0.00       |
| Total Eligible Pre-Discount One-Time Charges | = \$134,833.91 |

| Total Requested Amount                        |                |
|-----------------------------------------------|----------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00         |
| Total Eligible Pre-Discount One-Time Charges  | + \$134,833.91 |
| Total Pre-Discount Charges                    | = \$134,833.91 |
| Discount Rate                                 | 70%            |
| Funding Commitment Request                    | = \$94,383.74  |

Connectivity Questions

District/System-wide Internet Access Questions

Does your school district currently aggregate Internet access for the entire district(as opposed to buying Internet access on a building-by-building basis)? Yes

|                |      |                      |      |
|----------------|------|----------------------|------|
| Download Speed | 1.00 | Download Speed Units | Gbps |
| Upload Speed   | 1.00 | Upload Speed Units   | Gbps |

Per Entity Basis Questions

Entity Name FOWLerville COMM SCHOOL DIST Entity Number 131203

| BEN    | Entity Name                    | Download | Units | Upload | Units | Connection | Wifi Sufficient | Barriers to Robust Network |
|--------|--------------------------------|----------|-------|--------|-------|------------|-----------------|----------------------------|
| 56498  | KREEGER ELEMENTARY SCHOOL      | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 56500  | H T SMITH EARLY CHILDHOOD CEN  | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 221350 | FOWLerville JUNIOR HIGH SCHOOL | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |
| 56501  | FOWLerville HIGH SCHOOL        | 1.00     | Gbps  | 1.00   | Gbps  | Fiber      | Mostly          | Equipment too costly       |

Certifications

I certify that the entities listed in this application are eligible for support because they are schools under the statutory definitions of elementary and secondary schools found in the No Child Left Behind Act of 2001, 20 U.S.C. §§ 7801(18) and (38), that do not operate as for-profit businesses and do not have endowments exceeding \$50 million.

I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

| Summary                                                                                                                                                                             |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Total funding year pre-discount eligible amount on this FCC Form 471                                                                                                                | \$426,413.76 |
| Total funding commitment request amount on this FCC Form 471                                                                                                                        | \$298,489.64 |
| Total applicant non-discount share of the eligible amount                                                                                                                           | \$127,924.12 |
| Total budgeted amount allocated to resources not eligible for E-rate support                                                                                                        | \$0.00       |
| Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts                                                                       | \$127,924.12 |
| Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year?                           | No           |
| Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share? | No           |

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. §

54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

|                 |                                             |                  |                                |
|-----------------|---------------------------------------------|------------------|--------------------------------|
| <b>Title:</b>   | Superintendent                              | <b>Name:</b>     | Wayne Roedel                   |
| <b>Phone:</b>   | 517-223-6015                                | <b>Email:</b>    | roedelw@fowlervilleschools.org |
| <b>Address:</b> | 7677 SHARPE SUITE A FOWLerville<br>MI 48836 | <b>Employer:</b> | Wayne Roedel                   |

Certified Timestamp

21-Mar-2018 14:26:54 EDT

FY18-471-F Fowlerville - #181025403

Exhibit F

RESPOND TO INQUIRIES

Summary   Funding Requests   Review Inquiries   Connectivity Information   Discount Calculation   Entity Information   News   Related Actions

Pending Inquiries

| Re ad                 | N oti ce | Name | Outreach Type | Assigned By | Title | Phone # | Assigned Date | Due Date | Extn. | Status |
|-----------------------|----------|------|---------------|-------------|-------|---------|---------------|----------|-------|--------|
| No Pending Inquiries. |          |      |               |             |       |         |               |          |       |        |

Submitted Inquiries

| Name                                             | Outreach Type                              | Answered By | Assigned Date          | Answered Date          |
|--------------------------------------------------|--------------------------------------------|-------------|------------------------|------------------------|
| Competitive Bidding                              | Denial Notification                        | Robert Rice | 1/5/2019 11:49 AM EST  | 1/5/2019 12:04 PM EST  |
| Competitive Bidding                              | Regular 15-Day                             | Robert Rice | 10/5/2018 9:47 AM EDT  | 10/22/2018 1:41 PM EDT |
| Cost Effectiveness Review of Selected Fiber Type | Regular 15-Day                             | Robert Rice | 10/5/2018 9:47 AM EDT  | 10/22/2018 1:42 PM EDT |
| Fiber Special Construction Charges               | Regular 15-Day                             | Robert Rice | 10/5/2018 9:47 AM EDT  | 10/22/2018 1:42 PM EDT |
| Eligibility of the Entities                      | Summer 15-Day                              | Robert Rice | 8/21/2018 2:09 PM EDT  | 8/21/2018 3:55 PM EDT  |
| Eligibility of Products and Services             | Summer 15-Day Incomplete Response Reminder | Robert Rice | 8/6/2018 12:06 PM EDT  | 8/6/2018 12:10 PM EDT  |
| Eligibility of Products and Services             | Modification Notification                  | Robert Rice | 8/6/2018 11:40 AM EDT  | 8/6/2018 12:07 PM EDT  |
| Eligibility of Products and Services             | Summer 15-Day Incomplete Response Reminder | Robert Rice | 7/31/2018 11:05 AM EDT | 7/31/2018 11:46 AM EDT |
| Eligibility of Products and Services             | Summer 15-Day                              | Robert Rice | 7/17/2018 2:29 PM EDT  | 7/24/2018 3:00 PM EDT  |
| Eligibility of Products and Services             | Summer 15-Day                              | Robert Rice | 7/3/2018 11:31 AM EDT  | 7/9/2018 11:27 AM EDT  |
|                                                  |                                            |             |                        | 1 - 10 of 12           |

Competitive Bidding

*Issue*

It was determined that FRN(s) 1899048113 and 1899048125 will be denied because the RFP response due date was 3/6/2018 which is prior to the expiration of the 28 day competitive bidding waiting period as established by the filing of your FCC Form 470 # 180017346. As a result, the RFP was not available for 28 days after the filing of the FCC Form 470, which is a competitive bidding violation.

If you disagree with our determination and you have alternative information, please provide the supporting documentation. If you would like to provide any additional explanation to support your position, type your explanation and attach the explanation and/or documentation into your response by using the Add Document button. If you agree with the proposed action, click the "Submit" button to clear this item from your Pending Inquiries.

CLOSE



Fowlerville Community Schools 28 Day Bid Window

The associated 470 180017346 has an allowable contract date of 03/07/2019, therefore the bid was posted for the required 28 days so the 28 day competitive bidding waiting period was established

|           |    |
|-----------|----|
| 2/7/2018  | 1  |
| 2/8/2018  | 2  |
| 2/9/2018  | 3  |
| 2/10/2018 | 4  |
| 2/11/2018 | 5  |
| 2/12/2018 | 6  |
| 2/13/2018 | 7  |
| 2/14/2018 | 8  |
| 2/15/2018 | 9  |
| 2/16/2018 | 10 |
| 2/17/2018 | 11 |
| 2/18/2018 | 12 |
| 2/19/2018 | 13 |
| 2/20/2018 | 14 |
| 2/21/2018 | 15 |
| 2/22/2018 | 16 |
| 2/23/2018 | 17 |
| 2/24/2018 | 18 |
| 2/25/2018 | 19 |
| 2/26/2018 | 20 |
| 2/27/2018 | 21 |
| 2/28/2018 | 22 |
| 3/1/2018  | 23 |
| 3/2/2018  | 24 |
| 3/3/2018  | 25 |
| 3/4/2018  | 26 |
| 3/5/2018  | 27 |
| 3/6/2018  | 28 |
| 3/7/2018  | 29 |

[Records](#) / [Appeals](#)

# FY18-Fowlerville - #132088

Exhibit G

[Summary](#) [Associated FRNs](#) [Review Inquiries](#) [News](#) [Related Actions](#)

|           |          |            |           |
|-----------|----------|------------|-----------|
| In-Review | Outreach | Wave Ready | Committed |
|-----------|----------|------------|-----------|

## Appeal Information

|                                 |                                                                           |
|---------------------------------|---------------------------------------------------------------------------|
| <a href="#">View Status (+)</a> | <b>Submitting Organization</b> FOWLERVILLE COMM SCHOOL DIST (BEN: 131203) |
| <b>Funding Year</b> 2018        | <b>Created By</b> Robert Rice                                             |
|                                 | <b>Created On</b> 1/13/2019 1:51 PM EST                                   |

## Main Contact

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| <b>Name</b> Grace Damerow        | <b>Email</b> damerowg@fowlervilleschools.org |
| <b>Phone Number</b> 517-223-6021 |                                              |

## Narrative

FRNs 1899048113 and 1899048125 were both denied for the following reason:  
The RFP response due date was 3/6/2018 which is prior to the expiration of the 28 day competitive bidding waiting period as established by the filing of your FCC Form 470. As a result, the RFP was not available for 28 days after the filing of the FCC Form 470.

However this is incorrect as the 470 and RFP bid were posted on USAC site on 02/07/2018 with an allowable contract date of 03/07/2018. The bids were opened on 03/06/2018 which is 28 days, therefore was no 28 day bidding violation. Otherwise the allowable contract date (29th day) would have been 03/08/2018, not 03/07/2018 which is on the Form 470. See below:

Fowlerville Community Schools 28 Day Bid Window  
The associated 470 180017346 has an allowable contract date of 03/07/2019, therefore the bid was posted for the required 28 days so the 28 day competitive bidding waiting period was established

|           |    |
|-----------|----|
| 2/7/2018  | 1  |
| 2/8/2018  | 2  |
| 2/9/2018  | 3  |
| 2/10/2018 | 4  |
| 2/11/2018 | 5  |
| 2/12/2018 | 6  |
| 2/13/2018 | 7  |
| 2/14/2018 | 8  |
| 2/15/2018 | 9  |
| 2/16/2018 | 10 |
| 2/17/2018 | 11 |
| 2/18/2018 | 12 |
| 2/19/2018 | 13 |
| 2/20/2018 | 14 |
| 2/21/2018 | 15 |
| 2/22/2018 | 16 |
| 2/23/2018 | 17 |
| 2/24/2018 | 18 |
| 2/25/2018 | 19 |
| 2/26/2018 | 20 |
| 2/27/2018 | 21 |
| 2/28/2018 | 22 |
| 3/1/2018  | 23 |
| 3/2/2018  | 24 |
| 3/3/2018  | 25 |
| 3/4/2018  | 26 |
| 3/5/2018  | 27 |
| 3/6/2018  | 28 |
| 3/7/2018  | 29 |

As we have clearly demonstrated that there is no 28 day bidding violation, we ask that USAC overturn the denial and properly approved the above FRNS.

## Appeal Details

**Decision appealed by applicant** Funding Commitment Decision Letter

If you wish to modify or cancel your appeal, or, if you have any questions about your appeal, please contact the E-rate Program's Client Service Bureau (CSB) at (888) 203-8100.

[View Supporting Documentation \(-\)](#)

## Supporting Documentation

| Document ID | Document                                                        | Description                           | Upload Stage | Uploaded By | Uploaded On           |
|-------------|-----------------------------------------------------------------|---------------------------------------|--------------|-------------|-----------------------|
| 49050       | <a href="#">28 Day bid window.pdf</a>                           | 28 Day bid window                     | Intake       | Robert Rice | 1/13/2019 1:52 PM EST |
| 49051       | <a href="#">FY18-470 C1 and C2 Fowlerville - #180017346.pdf</a> | Allowable Contract Date<br>03/07/2018 | Intake       | Robert Rice | 1/13/2019 1:52 PM EST |



# Revised Funding Commitment Decision Letter

## Funding Year 2018

**Contact Information:**

Wayne Roedel  
FOWLERVILLE COMM SCHOOL DIST  
7677 SHARPE SUITE A  
FOWLERVILLE, MI 48836  
[roedelw@fowlervilleschools.org](mailto:roedelw@fowlervilleschools.org)

**BEN:** 131203**Post Commitment Wave:** 25

## Totals

|                                  |               |
|----------------------------------|---------------|
| Original Commitment Amount       | \$0.00        |
| <b>Revised Commitment Amount</b> | <b>\$0.00</b> |

## What is in this letter?

Thank you for submitting your post-commitment request for **Funding Year 2018 Schools and Libraries Program (E-rate) funding**. Attached to this letter, you will find the revised funding statuses and/or post commitment changes to the original Funding Commitment Decision Letter (FCDL) you received. Below are the changes that were made:

- Appeals
- Appeals

The Universal Service Administrative Company (USAC) is providing this information to both the applicant(s) and the service provider(s) so that all parties are aware of the post-commitment changes related to their funding requests and can work together to complete the funding process for these requests.

## Next Steps

1. **File the FCC Form 486**, Service Confirmation and Children's Internet Protection Act (CIPA) Certification Form, for any FRNs included in this RFCDL, if you have not already done so. Please review the CIPA requirements and file the form(s).



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

- o **If USAC approved funding on an FRN in your original FCDL**, the deadline to submit the FCC Form 486 is 120 days from the date of the original FCDL or from the service start date (whichever is later).
  - o **If a new FRN was created for this RFCDL or funding was not approved on an FRN in your original FCDL but is approved in this RFCDL**, the deadline to submit the FCC Form 486 is 120 days from the date of this RFCDL or from the service start date (whichever is later).
2. **Invoice USAC**, if you or your service provider have not already done so. Work with your service provider(s) to determine if your bills will be discounted or if you will request reimbursement from USAC after paying your bills in full.
- **If you (the applicant) are invoicing USAC:** You must pay your service provider(s) the full cost for the services you receive and file the [FCC Form 472](#), the Billed Entity Applicant Reimbursement (BEAR) Form, to invoice USAC for reimbursement of the discounted amount.
  - **If your service provider(s) is invoicing USAC:** The service provider(s) must provide services, bill the applicant for the non-discounted share, and file the [FCC Form 474](#), the Service Provider Invoice (SPI) form, to invoice USAC for reimbursement for the discounted portion of costs. Every funding year, service providers must file an [FCC Form 473](#), the Service Provider Annual Certification Form, to be able to submit invoices and to receive disbursements.
  - **To receive an invoice deadline extension, the applicant or service provider** must request an extension on or before the last date to invoice. **If you anticipate, for any reason, that invoices cannot be filed on time**, USAC will grant a one-time, 120-day invoice deadline extension if timely requested.

## How to Appeal or Request a Waiver of a Decision

You can appeal or request a waiver of a decision in this letter **within 60 calendar days** of the date of this letter. Failure to meet this deadline will result in an automatic dismissal of your appeal or waiver request.

**Note:** The Federal Communications Commission (FCC) will not accept appeals of USAC decisions that have not first been appealed to USAC. However, if you are seeking a waiver of E-rate program rules, you must submit your request to the FCC and not to USAC. USAC is not able to waive the E-rate program rules.

- **To submit your appeal to USAC**, visit the Appeals section in the [E-rate Productivity Center \(EPC\)](#) and provide the required information. USAC will reply to your appeal submissions to confirm receipt. Visit USAC's [website](#) for additional information on submitting an appeal to USAC, including step-by-step instructions.
- **To request a waiver of the FCC's rules or appeal USAC's appeal decision**, please submit it to the FCC in proceeding number CC Docket No. 02-6 using the [Electronic Comment Filing System](#) (ECFS). Include your contact information, a statement that your filing is a waiver request,



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

identifying information, the FCC rule(s) for which you are seeking a waiver, a full description of the relevant facts that you believe support your waiver request and any related relief, and any supporting documentation.

For appeals to USAC or to the FCC, be sure to keep a copy of your entire appeal, including any correspondence and documentation, and provide a copy to the affected service provider(s).

## **Obligation to Pay Non-Discount Portion**

Applicants are required to pay the non-discount portion of the cost of the eligible products and/or services to their service providers. Service providers are required to bill applicants for the non-discount portion of costs for the eligible products and/or services. The FCC stated that requiring applicants to pay the non-discounted share of costs ensures efficiency and accountability in the program. If using the BEAR invoicing method, the applicant must pay the service provider in full (the non-discount plus discount portion) **before** seeking reimbursement from USAC. If using the SPI invoicing method, the service provider must first bill the applicant **before** invoicing USAC.

## **Notice on Rules and Funds Availability**

The applicants' receipt of funding commitments is contingent on their compliance with all statutory, regulatory, and procedural requirements of the Schools and Libraries Program and the FCC's rules. Applicants who have received funding commitments continue to be subject to audits and other reviews that USAC and/or the FCC may undertake periodically to assure that funds that have been committed are being used in accordance with such requirements. USAC may be required to reduce or cancel funding commitments that were not issued in accordance with such requirements, whether due to action or inaction, including but not limited to that by USAC, the applicant, or the service provider. USAC, and other appropriate authorities (including but not limited to the FCC), may pursue enforcement actions and other means of recourse to collect improperly disbursed funds.



**BEN Name:** FOWLerville COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

## Revised Funding Commitment Decision Overview

### Funding Year 2018

| Funding Request Number (FRN) | Service Provider Name           | Request Type | Revised Committed | Review Status |
|------------------------------|---------------------------------|--------------|-------------------|---------------|
| 1899048125                   | Delta Network Services LLC      | Appeals      | \$0.00            | Denied        |
| 1899048113                   | FD Hayes Electric Company, Inc. | Appeals      | \$0.00            | Denied        |



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

|                                                  |                                                 |                                            |
|--------------------------------------------------|-------------------------------------------------|--------------------------------------------|
| <b>Post Commitment Request Number:</b><br>132088 | <b>Post Commitment Request Type:</b><br>Appeals | <b>Post Commitment Decision:</b><br>Denied |
|--------------------------------------------------|-------------------------------------------------|--------------------------------------------|

|                                |                                                                  |                                   |                                  |
|--------------------------------|------------------------------------------------------------------|-----------------------------------|----------------------------------|
| <b>FRN:</b><br>1899048125      | <b>Service Type:</b><br>Data Transmission and/or Internet Access | <b>Original Status:</b><br>Funded | <b>Revised Status:</b><br>Denied |
| <b>FCC Form 471: 181025403</b> |                                                                  |                                   |                                  |

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-Time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$53,094.50 |
| Total Pre-Discount Charges       |        | \$53,094.50                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Revised Committed Amount         |        | \$0.00                          |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 6/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        |           |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                            |
|-------------------------------------------|----------------------------|
| Service Provider                          | Delta Network Services LLC |
| SPIN (498ID)                              | 143027627                  |
| Contract Number                           | NA                         |
| Account Number                            | NA                         |
| Establishing FCC Form 470                 | 180017346                  |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

|                                                      |
|------------------------------------------------------|
| <b>Revised Funding Commitment Decision Comments:</b> |
|------------------------------------------------------|

|                                   |
|-----------------------------------|
| <b>Post Commitment Rationale:</b> |
|-----------------------------------|

On the FCC Form 470 associated with your funding request, you indicated that you had a Request for Proposal (RFP) for the products and/or services that you sought. During the review of your FCC Form 471, USAC determined that your RFP was not available for bidders for the required 28 days. USAC denied your funding request(s) as you did not comply with the competitive bidding requirement that your RFP be available to bidders for 28 days. In your appeal, you did not demonstrate that USAC's determination was incorrect. Consequently, your appeal is denied. FCC rules require applicants to submit a complete description of the services they seek so that it may be posted for competing service providers to evaluate and formulate bids. See Federal-State Joint Board on Universal Service, CC





**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

Docket No. 96-45, Report and Order, 12 FCC Rcd 8776, 9076, FCC 97-157, para. 570, 575 (rel. May 8, 1997). The applicant's FCC Form 470 should inform potential bidders if there is, or is likely to be, an RFP relating to particular services indicated on the form. To the extent that the applicant also relies on an RFP as the basis of its vendor selection, that RFP must also be available to bidders for 28 days. See Request for Review of the Decision of the Universal Service Administrator by Ysleta Independent School District, El Paso, Texas, et al., Federal-State Joint Board of Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., SLD Nos. 321479, et al., CC Docket Nos. 96-45 and 97-21, Order, 18 FCC Rcd 26423-26424, FCC 03-313 para. 39 (rel. Dec. 8, 2003).



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

|                                                  |                                                 |                                            |
|--------------------------------------------------|-------------------------------------------------|--------------------------------------------|
| <b>Post Commitment Request Number:</b><br>132088 | <b>Post Commitment Request Type:</b><br>Appeals | <b>Post Commitment Decision:</b><br>Denied |
|--------------------------------------------------|-------------------------------------------------|--------------------------------------------|

|                                |                                                                  |                                   |                                  |
|--------------------------------|------------------------------------------------------------------|-----------------------------------|----------------------------------|
| <b>FRN:</b><br>1899048113      | <b>Service Type:</b><br>Data Transmission and/or Internet Access | <b>Original Status:</b><br>Funded | <b>Revised Status:</b><br>Denied |
| <b>FCC Form 471: 181025403</b> |                                                                  |                                   |                                  |

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-Time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$67,354.00 |
| Total Pre-Discount Charges       |        | \$67,354.00                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Revised Committed Amount         |        | \$0.00                          |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 6/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        |           |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                                 |
|-------------------------------------------|---------------------------------|
| Service Provider                          | FD Hayes Electric Company, Inc. |
| SPIN (498ID)                              | 143007279                       |
| Contract Number                           | NA                              |
| Account Number                            | NA                              |
| Establishing FCC Form 470                 | 180017346                       |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

|                                                      |
|------------------------------------------------------|
| <b>Revised Funding Commitment Decision Comments:</b> |
|------------------------------------------------------|

|                                   |
|-----------------------------------|
| <b>Post Commitment Rationale:</b> |
|-----------------------------------|

On the FCC Form 470 associated with your funding request, you indicated that you had a Request for Proposal (RFP) for the products and/or services that you sought. During the review of your FCC Form 471, USAC determined that your RFP was not available for bidders for the required 28 days. USAC denied your funding request(s) as you did not comply with the competitive bidding requirement that your RFP be available to bidders for 28 days. In your appeal, you did not demonstrate that USAC's determination was incorrect. Consequently, your appeal is denied. FCC rules require applicants to submit a complete description of the services they seek so that it may be posted for competing service providers to evaluate and formulate bids. See Federal-State Joint Board on Universal Service, CC



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST

**BEN:** 131203

**Post Commitment Wave:** 25

Docket No. 96-45, Report and Order, 12 FCC Rcd 8776, 9076, FCC 97-157, para. 570, 575 (rel. May 8, 1997). The applicant's FCC Form 470 should inform potential bidders if there is, or is likely to be, an RFP relating to particular services indicated on the form. To the extent that the applicant also relies on an RFP as the basis of its vendor selection, that RFP must also be available to bidders for 28 days. See Request for Review of the Decision of the Universal Service Administrator by Ysleta Independent School District, El Paso, Texas, et al., Federal-State Joint Board of Universal Service, Changes to the Board of Directors of the National Exchange Carrier Association, Inc., SLD Nos. 321479, et al., CC Docket Nos. 96-45 and 97-21, Order, 18 FCC Rcd 26423-26424, FCC 03-313 para. 39 (rel. Dec. 8, 2003).

# Funding Commitment Decision Letter

## Funding Year 2018

**Contact Information:**

Wayne Roedel  
FOWLERVILLE COMM SCHOOL DIST  
7677 SHARPE SUITE A  
FOWLERVILLE, MI 48836  
[roedelw@fowlervilleschools.org](mailto:roedelw@fowlervilleschools.org)

**FCC Form 471:** 181025407**BEN:** 131203**Wave:** 20**Application Nickname:** FY18-471-2 Fowlerville

## Totals

|                        |                     |
|------------------------|---------------------|
| <b>Total Committed</b> | <b>\$298,132.64</b> |
|------------------------|---------------------|

## What is in this letter?

Thank you for submitting your application for Funding Year 2018 Schools and Libraries Program (E-rate) funding. Attached to this letter, you will find the funding statuses for the FCC Form(s) 471, Services Ordered and Certification Form, that you submitted and referenced above.

The Universal Service Administrative Company (USAC) is providing this information to both the applicant(s) and the service provider(s) so that all parties are aware of the post-commitment changes related to their funding requests and can work together to complete the funding process for these requests.

## Next Steps

1. Work with your service provider(s) to determine if your bills will be discounted or if you will request reimbursement from USAC after paying the full cost for the services you receive.
2. Review the [Children's Internet Protection Act \(CIPA\)](#) requirements and file the [FCC Form 486](#) (Service Confirmation and CIPA Certification Form). **The deadline to submit this form is 120 days from the date of this letter or from the service start date (whichever is later).**



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

### 3. Invoice USAC

- **If you (the applicant) are invoicing USAC:** You must pay your service provider(s) the full cost for the services you receive and file the [FCC Form 472](#), the Billed Entity Applicant Reimbursement (BEAR) Form, to invoice USAC for reimbursement of the discounted amount.
- **If your service provider(s) is invoicing USAC:** The service provider(s) must provide services, bill the applicant for the non-discounted share, and file the [FCC Form 474](#), the Service Provider Invoice (SPI) form, to invoice USAC for reimbursement for the discounted portion of costs. Every funding year, service providers must file an [FCC Form 473](#), the Service Provider Annual Certification Form, to be able to submit invoices and to receive disbursements.
- **To receive an invoice deadline extension, the applicant or service provider** must request an extension on or before the last date to invoice. **If you anticipate, for any reason, that invoices cannot be filed on time**, USAC will grant a one-time, 120-day invoice deadline extension if timely requested.

## How to Appeal or Request a Waiver of a Decision

You can appeal or request a waiver of a decision in this letter **within 60 calendar days** of the date of this letter. Failure to meet this deadline will result in an automatic dismissal of your appeal or waiver request.

**Note:** The Federal Communications Commission (FCC) will not accept appeals of USAC decisions that have not first been appealed to USAC. However, if you are seeking a waiver of E-rate program rules, you must submit your request to the FCC and not to USAC. USAC is not able to waive the E-rate program rules.

- **To submit your appeal to USAC**, visit the Appeals section in the [E-rate Productivity Center \(EPC\)](#) and provide the required information. USAC will reply to your appeal submissions to confirm receipt. Visit USAC's [website](#) for additional information on submitting an appeal to USAC, including step-by-step instructions.
- **To request a waiver of the FCC's rules**, please submit it to the FCC in proceeding number CC Docket No. 02-6 using the [Electronic Comment Filing System](#) (ECFS). Include your contact information, a statement that your filing is a waiver request, identifying information, the FCC rule(s) for which you are seeking a waiver, a full description of the relevant facts that you believe support your waiver request and any related relief, and any supporting documentation.

For appeals to USAC or to the FCC, be sure to keep a copy of your entire appeal, including any correspondence and documentation, and provide a copy to the affected service provider(s).



## Obligation to Pay Non-Discount Portion

Applicants are required to pay the non-discount portion of the cost of the eligible products and/or services to their service providers. Service providers are required to bill applicants for the non-discount portion of costs for the eligible products and/or services. The FCC stated that requiring applicants to pay the non-discounted share of costs ensures efficiency and accountability in the program. If using the BEAR invoicing method, the applicant must pay the service provider in full (the non-discount plus discount portion) **before** seeking reimbursement from USAC. If using the SPI invoicing method, the service provider must first bill the applicant **before** invoicing USAC.

## Notice on Rules and Funds Availability

The applicants' receipt of funding commitments is contingent on their compliance with all statutory, regulatory, and procedural requirements of the Schools and Libraries Program and the FCC's rules. Applicants who have received funding commitments continue to be subject to audits and other reviews that USAC and/or the FCC may undertake to assure that committed funds are being used in accordance with such requirements. USAC may be required to reduce or cancel funding commitments that were not issued in accordance with such requirements, whether due to action or inaction of USAC, the applicant, or the service provider. USAC, and other appropriate authorities (including but not limited to the FCC), may pursue enforcement actions and other means of recourse to collect improperly disbursed funds.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

# Funding Commitment Decision Overview

**Funding Year 2018**

## Application Comments for FCC Form 471: #181025407

The NSLP/Full Time enrollment for BEN 16068971 FOWLERVILLE ONLINE LEARNING ACADEMY was updated to 26/57 students that could be validated based on third party data. <><><><> The NSLP/Full Time enrollment for BEN 56501 FOWLERVILLE HIGH SCHOOL was decreased from 248/893 to 241/866 students that could be validated based on third party data. <><><><> The applicant did not submit any RAL corrections. <><><><> FOWLERVILLE ONLINE LEARNING ACADEMY - 16068971 has been added to the FCC Form 471 application.

## Funding Commitment Decision Overview

| Funding Request Number (FRN) | Service Provider Name          | Amount Requested | Amount Committed | Status |
|------------------------------|--------------------------------|------------------|------------------|--------|
| 1899049302                   | Delta Network Services LLC     | \$53,496.87      | \$53,496.87      | Funded |
| 1899049515                   | Delta Network Services LLC     | \$60,444.34      | \$60,444.34      | Funded |
| 1899049711                   | Delta Network Services LLC     | \$16,332.05      | \$15,975.05      | Funded |
| 1899049845                   | Delta Network Services LLC     | \$14,116.34      | \$14,116.34      | Funded |
| 1899050003                   | Vector Tech Group              | \$13,135.50      | \$13,135.50      | Funded |
| 1899050045                   | Vector Tech Group              | \$24,367.00      | \$24,367.00      | Funded |
| 1899050129                   | Vector Tech Group              | \$11,092.20      | \$11,092.20      | Funded |
| 1899050154                   | Vector Tech Group              | \$10,281.60      | \$10,281.60      | Funded |
| 1899051389                   | Vector Tech Group              | \$840.00         | \$840.00         | Funded |
| 1899053639                   | Amcomm Telecommunications Inc. | \$94,383.74      | \$94,383.74      | Funded |



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899049302 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$77,169.10 |
| Total Pre-discount Charges       |        | \$76,424.10                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$53,496.87                     |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 9/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        | 9/30/2019 |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                            |
|-------------------------------------------|----------------------------|
| Service Provider                          | Delta Network Services LLC |
| SPIN (498ID)                              | 143027627                  |
| Contract Number                           | NA                         |
| Account Number                            | NA                         |
| Establishing FCC Form 470                 | 180017346                  |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Product Type for FRN Line Item .006 was modified from Switch to UPS/Battery Backup to agree with the applicant documentation.





**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899049515 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$87,392.05 |
| Total Pre-discount Charges       |        | \$86,349.05                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$60,444.34                     |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 9/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        | 9/30/2019 |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                            |
|-------------------------------------------|----------------------------|
| Service Provider                          | Delta Network Services LLC |
| SPIN (498ID)                              | 143027627                  |
| Contract Number                           | NA                         |
| Account Number                            | NA                         |
| Establishing FCC Form 470                 | 180017346                  |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Product Type for FRN Line Item .006 was modified from Switch to UPS/Battery Backup to agree with the applicant documentation. <><><><><> MR2: Based on the applicant's request, 56501 - FOWLERVILLE HIGH SCHOOL's Category Two Cost-Allocation was re-allocated to the following entity(ies) in the following amounts: FOWLERVILLE ONLINE LEARNING ACADEMY 16068971 - \$3,146.80.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899049711 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$22,970.50 |
| Total Pre-discount Charges       |        | \$22,821.50                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$15,975.05                     |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 9/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        | 9/30/2019 |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                            |
|-------------------------------------------|----------------------------|
| Service Provider                          | Delta Network Services LLC |
| SPIN (498ID)                              | 143027627                  |
| Contract Number                           | NA                         |
| Account Number                            | NA                         |
| Establishing FCC Form 470                 | 180017346                  |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Model of Equipment for FRN Line Item .019 was modified from 16179 to 16175 to agree with the applicant documentation. <><><><> MR2: The FRN was modified from \$23,331.50 to \$22,821.50 one-time charges to agree with the applicant documentation. <><><><> MR3: The Product Type for FRN Line Item .006 was modified from Switch to UPS/Battery Backup to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899049845 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$20,315.20 |
| Total Pre-discount Charges       |        | \$20,166.20                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$14,116.34                     |             |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 9/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        | 9/30/2019 |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                            |
|-------------------------------------------|----------------------------|
| Service Provider                          | Delta Network Services LLC |
| SPIN (498ID)                              | 143027627                  |
| Contract Number                           | NA                         |
| Account Number                            | NA                         |
| Establishing FCC Form 470                 | 180017346                  |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Product Type for FRN Line Item .006 was modified from Switch to UPS/Battery Backup to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899050003 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$18,765.00 |
| Total Pre-discount Charges       |        | \$18,765.00                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$13,135.50                     |             |

| Dates                            |           | Service Provider and Contract Information |                   |
|----------------------------------|-----------|-------------------------------------------|-------------------|
| Service Start Date               | 7/1/2018  | Service Provider                          | Vector Tech Group |
| Contract Expiration Date         | 9/30/2019 | SPIN (498ID)                              | 143049512         |
| Contract Award Date              | 3/19/2018 | Contract Number                           | NA                |
| Service Delivery Deadline        | 9/30/2019 | Account Number                            | NA                |
| Expiration Date (All Extensions) |           | Establishing FCC Form 470                 | 180017346         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

| Funding Commitment Decision Comments |
|--------------------------------------|
|--------------------------------------|

MR1: The Product Type for FRN Line Item .002 was modified from Access Point to Software to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899050045 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$34,810.00 |
| Total Pre-discount Charges       |        | \$34,810.00                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$24,367.00                     |             |

| Dates                            |           | Service Provider and Contract Information |                   |
|----------------------------------|-----------|-------------------------------------------|-------------------|
| Service Start Date               | 7/1/2018  | Service Provider                          | Vector Tech Group |
| Contract Expiration Date         | 9/30/2019 | SPIN (498ID)                              | 143049512         |
| Contract Award Date              | 3/19/2018 | Contract Number                           | NA                |
| Service Delivery Deadline        | 9/30/2019 | Account Number                            | NA                |
| Expiration Date (All Extensions) |           | Establishing FCC Form 470                 | 180017346         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: Based on the applicant's request, 56501 - FOWLERVILLE HIGH SCHOOL's Category Two Cost-Allocation was re-allocated to the following entity(ies) in the following amounts: FOWLERVILLE ONLINE LEARNING ACADEMY 16068971 - \$868.00. <><><><><> MR2: The Product Type for FRN Line Item .002 was modified from Access Point to Software to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899050129 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$15,846.00 |
| Total Pre-discount Charges       |        | \$15,846.00                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$11,092.20                     |             |

| Dates                            |           | Service Provider and Contract Information |                   |
|----------------------------------|-----------|-------------------------------------------|-------------------|
| Service Start Date               | 7/1/2018  | Service Provider                          | Vector Tech Group |
| Contract Expiration Date         | 9/30/2019 | SPIN (498ID)                              | 143049512         |
| Contract Award Date              | 3/19/2018 | Contract Number                           | NA                |
| Service Delivery Deadline        | 9/30/2019 | Account Number                            | NA                |
| Expiration Date (All Extensions) |           | Establishing FCC Form 470                 | 180017346         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Product Type for FRN Line Item .002 was modified from Access Point to Software to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899050154 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |             |
|----------------------------------|--------|---------------------------------|-------------|
| Monthly Cost                     |        | One-time Cost                   |             |
| Months of Service                | 12     |                                 |             |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$14,688.00 |
| Total Pre-discount Charges       |        | \$14,688.00                     |             |
| Discount Rate                    |        | 70.00%                          |             |
| Committed Amount                 |        | \$10,281.60                     |             |

| Dates                            |           | Service Provider and Contract Information |                   |
|----------------------------------|-----------|-------------------------------------------|-------------------|
| Service Start Date               | 7/1/2018  | Service Provider                          | Vector Tech Group |
| Contract Expiration Date         | 9/30/2019 | SPIN (498ID)                              | 143049512         |
| Contract Award Date              | 3/19/2018 | Contract Number                           | NA                |
| Service Delivery Deadline        | 9/30/2019 | Account Number                            | NA                |
| Expiration Date (All Extensions) |           | Establishing FCC Form 470                 | 180017346         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

#### Funding Commitment Decision Comments

MR1: The Product Type for FRN Line Item .002 was modified from Access Point to Software to agree with the applicant documentation. <><><><> MR2: The Product Type for FRN Line Item .006 was modified from Access Point to Racks & Cabinets to agree with the applicant documentation.



**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899051389 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |            |
|----------------------------------|--------|---------------------------------|------------|
| Monthly Cost                     |        | One-time Cost                   |            |
| Months of Service                | 12     |                                 |            |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$1,200.00 |
| Total Pre-discount Charges       |        | \$1,200.00                      |            |
| Discount Rate                    |        | 70.00%                          |            |
| Committed Amount                 |        | \$840.00                        |            |

| Dates                            |           | Service Provider and Contract Information |                   |
|----------------------------------|-----------|-------------------------------------------|-------------------|
| Service Start Date               | 7/1/2018  | Service Provider                          | Vector Tech Group |
| Contract Expiration Date         | 9/30/2019 | SPIN (498ID)                              | 143049512         |
| Contract Award Date              | 3/19/2018 | Contract Number                           | NA                |
| Service Delivery Deadline        | 9/30/2019 | Account Number                            | NA                |
| Expiration Date (All Extensions) |           | Establishing FCC Form 470                 | 180017346         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

| Funding Commitment Decision Comments |
|--------------------------------------|
|--------------------------------------|

MR1: Approved as submitted.





**BEN Name:** FOWLERVILLE COMM SCHOOL DIST  
**BEN:** 131203

**FCC Form 471:** 181025407  
**Wave:** 20

|                          |                                             |                         |
|--------------------------|---------------------------------------------|-------------------------|
| <b>FRN</b><br>1899053639 | <b>Service Type</b><br>Internal Connections | <b>Status</b><br>Funded |
|--------------------------|---------------------------------------------|-------------------------|

| Dollars Committed                |        |                                 |              |
|----------------------------------|--------|---------------------------------|--------------|
| Monthly Cost                     |        | One-time Cost                   |              |
| Months of Service                | 12     |                                 |              |
| Total Eligible Recurring Charges | \$0.00 | Total Eligible One Time Charges | \$134,833.91 |
| Total Pre-discount Charges       |        | \$134,833.91                    |              |
| Discount Rate                    |        | 70.00%                          |              |
| Committed Amount                 |        | \$94,383.74                     |              |

| Dates                            |           |
|----------------------------------|-----------|
| Service Start Date               | 7/1/2018  |
| Contract Expiration Date         | 9/30/2019 |
| Contract Award Date              | 3/19/2018 |
| Service Delivery Deadline        | 9/30/2019 |
| Expiration Date (All Extensions) |           |

| Service Provider and Contract Information |                                   |
|-------------------------------------------|-----------------------------------|
| Service Provider                          | Amcomm<br>Telecommunications Inc. |
| SPIN (498ID)                              | 143008332                         |
| Contract Number                           | NA                                |
| Account Number                            | NA                                |
| Establishing FCC Form 470                 | 180017346                         |

| Consultant Information |                      |
|------------------------|----------------------|
| Consultant Name        | Robert Rice          |
| Consultant's Employer  | Triple R Consultants |
| CRN                    | 16055924             |

| Funding Commitment Decision Comments |
|--------------------------------------|
|--------------------------------------|

MR1: The Product Type for FRN Line Item 1899053639.004 was modified from cabling to connectors to agree with the applicant documentation.

FY17-471-F OAISD - #171034991

Exhibit J

RESPOND TO INQUIRIES

Summary

Funding Requests

Review Inquiries

Connectivity Information

Discount Calculation

Entity Information

News

Related Actions

Pending Inquiries

| Re ad                 | N oti ce | Name | Outreach Type | Assigned By | Title | Phone # | Assigned Date | Due Date | Extn. | Status |
|-----------------------|----------|------|---------------|-------------|-------|---------|---------------|----------|-------|--------|
| No Pending Inquiries. |          |      |               |             |       |         |               |          |       |        |

Submitted Inquiries

| Name                                             | Outreach Type                      | Answered By | Assigned Date          | Answered Date          |
|--------------------------------------------------|------------------------------------|-------------|------------------------|------------------------|
| Other Issues                                     | Denial Notification                | Robert Rice | 10/10/2017 2:16 PM EDT | 10/11/2017 8:42 AM EDT |
| Other Issues                                     | Denial Notification                | Robert Rice | 10/10/2017 2:16 PM EDT | 10/11/2017 8:43 AM EDT |
| Other Issues                                     | Denial Notification                | Robert Rice | 10/10/2017 2:15 PM EDT | 10/11/2017 8:43 AM EDT |
| Eligibility of Products and Services             | Regular 15-Day                     | Robert Rice | 10/3/2017 10:17 AM EDT | 10/3/2017 12:46 PM EDT |
| Eligibility of Products and Services             | Regular 15-Day                     | Robert Rice | 10/3/2017 10:16 AM EDT | 10/3/2017 12:46 PM EDT |
| Fiber Special Construction Cost per Foot Details | Regular 15-Day                     | Robert Rice | 10/3/2017 10:16 AM EDT | 10/6/2017 5:11 PM EDT  |
| Fiber Special Construction Cost per Foot Details | Summer 15-Day No Response Reminder | Robert Rice | 8/25/2017 10:42 AM EDT | 9/11/2017 10:43 AM EDT |
| Cost Effectiveness Review of Selected Fiber Type | Summer 15-Day No Response Reminder | Robert Rice | 8/25/2017 10:41 AM EDT | 9/11/2017 10:43 AM EDT |
| Competitive Bidding                              | Summer 15-Day No Response Reminder | Robert Rice | 8/25/2017 10:40 AM EDT | 9/11/2017 10:43 AM EDT |
| Eligibility of Special Construction Charges      | Summer 15-Day No Response Reminder | Robert Rice | 8/25/2017 10:40 AM EDT | 9/11/2017 10:43 AM EDT |
| 1 - 10 of 13                                     |                                    |             |                        |                        |

Other Issues

Issue

FRN 1799078144 is associated with FRN 1799078130. FRN 1799078130 is denied because RFP was not available for 28 days after the filing of the FCC Form 470. This FRN requests Maintenance and Operation services for self-provisioned fiber associated with the denied FRN. Therefore, this FRN is also denied.

If the above FRNs should not be denied and you have alternative information, please provide the supporting documentation. If you would like to provide any additional explanation to support your position, type your explanation and attach the explanation and/or documentation into your response by using the Add Document button. If you agree with the proposed action, click the "Submit" button to clear this item from your Pending Inquiries.

CLOSE

FRN 1799078144 is associated with FRN 1799078130. FRN 1799078130 is denied RFP was not available for 28 days after the filing of the FCC Form 470. This FRN requests Network Equipment for self-provisioned fiber associated with the denied FRN. Therefore, this FRN is also denied.

This is incorrect; RFP was available for 28 days:

03/28-1  
03/29-2  
03/30-3  
03/31-4  
04/01-5  
04/02-6  
04/03-7  
04/04-8  
04/05-9  
04/06-10  
04/07-11  
04/08-12  
04/09-13  
04/10-14  
04/11-15  
04/12-16  
04/13-17  
04/14-18  
04/15-19  
04/16-20  
04/17-21  
04/18-22  
04/19-23  
04/20-24  
04/21-25  
04/22-26  
04/23-27  
04/24-28

As per the attached Form 470, allowable contract date is 04/25/2017 the 29<sup>th</sup> day the bid was posted. The bid was available on 04/24/2017 until the bid opening date therefore; it was opened for 28 days.

You have provided a Request for Proposal (RFP). We have determined that the RFP was not available for 28 days after the filing of the FCC Form 470. Your FCC Form 470 170075532 was posted on 03/28/2017 but your RFP due date was 04/24/2017. For additional information on Requests for Proposals and the competitive bidding process, please refer to the USAC Website: <http://www.usac.org/sl/applicants/step01/default.aspx>. Based on this documentation the following FRNs will be denied:

This is incorrect; RFP was available for 28 days:

03/28-1  
03/29-2  
03/30-3  
03/31-4  
04/01-5  
04/02-6  
04/03-7  
04/04-8  
04/05-9  
04/06-10  
04/07-11  
04/08-12  
04/09-13  
04/10-14  
04/11-15  
04/12-16  
04/13-17  
04/14-18  
04/15-19  
04/16-20  
04/17-21  
04/18-22  
04/19-23  
04/20-24  
04/21-25  
04/22-26  
04/23-27  
04/24-28

As per the attached Form 470, allowable contract date is 04/25/2017 the 29<sup>th</sup> day the bid was posted. The bid was available on 04/24/2017 until the bid opening date therefore; it was opened for 28 days.

[Records / FCC Forms 470](#)

# FY17-470 OAISD SPF - #170075532

[Follow](#)

Please note: The following fields pull the most current data from the Contact User Profile and Applicant Entity Profile: Recipient(s) of Service, Contact Name, and Contact Phone Number. If you would like to review this FCC Form 470 with the data that was present upon certification, please navigate to the Generated Documents related dashboard on the left-hand side and click the Original Version document link.

## Application Information

**Nickname** FY17-470 OAISD SPF**Created Date** 3/27/2017 11:19 AM EDT**Application Number** 170075532**Created By** Robert Rice**Funding Year** 2017**Certified Date** 3/28/2017 3:40 AM EDT**Status** Certified**Certified By** Michael Rohwer**Last Modified Date** 3/29/2017 4:03 PM EDT**Last Modified By** Robert Rice**Allowable Contract Date** 4/25/2017

## Billed Entity Information

**Name** OTTAWA AREA I S D**Billed Entity Number (BEN)** 131536

## Application Type and Recipients of Service

**Applicant Type** School District**Number of Eligible Entities** 4**Recipient(s) of Service** ☒ Public School  
☒ Public School District

## Contact Information

**Name** Michael Rohwer**Phone Number** 616-738-8940**Email** mrohwer@oaisd.org

## Services Requested



### Category 1: Internet Access and/or Telecommunications

| Type                                      | Function                                 | Number Entities | Quantity        | Unit            | Min Capacity    | Max Capacity    | Installation and Initial Configuration? | Maintenance Indicator | Associate RFP                      |
|-------------------------------------------|------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------------|-----------------------|------------------------------------|
| Internet Access and/or Telecommunications | Transport Only - No ISP Service Included | 1               | 1               | Circuits        | 10 Gbps         | 10 Gbps         | Yes                                     | Yes                   | <a href="#">View RFP Documents</a> |
| Internet Access and/or Telecommunications | Lit Fiber Service                        | 1               | 1               | Circuits        | 10 Gbps         | 10 Gbps         | Yes                                     | Yes                   | <a href="#">View RFP Documents</a> |
| Internet Access and/or Telecommunications | Dark Fiber                               | 1               | 1               | Fiber Strands   |                 |                 | Yes                                     | Yes                   | <a href="#">View RFP Documents</a> |
| Internet Access and/or Telecommunications | Self-provisioning                        | 1               | Detailed in RFP | Detailed in RFP | Detailed in RFP | Detailed in RFP | Yes                                     | Yes                   | <a href="#">View RFP Documents</a> |

### Category One Narrative

Self Provisioned Fiber Build For Grand Haven-CBI which could not be added to the district as an entity since USAC has locked entity update features down.

There are no Services Requested For Category 2

## Technical Contact Information

A technical contact has not been indicated

## State or Local Procurement Requirements

---

State or Local Procurement Requirements have not been indicated

FRN 1799078149 is associated with FRN 1799078130. FRN 1799078130 is denied RFP was not available for 28 days after the filing of the FCC Form 470. This FRN requests Network Equipment for self-provisioned fiber associated with the denied FRN. Therefore, this FRN is also denied.

This is incorrect; RFP was available for 28 days:

03/28-1  
03/29-2  
03/30-3  
03/31-4  
04/01-5  
04/02-6  
04/03-7  
04/04-8  
04/05-9  
04/06-10  
04/07-11  
04/08-12  
04/09-13  
04/10-14  
04/11-15  
04/12-16  
04/13-17  
04/14-18  
04/15-19  
04/16-20  
04/17-21  
04/18-22  
04/19-23  
04/20-24  
04/21-25  
04/22-26  
04/23-27  
04/24-28

As per the attached Form 470, allowable contract date is 04/25/2017 the 29<sup>th</sup> day the bid was posted. The bid was available on 04/24/2017 until the bid opening date therefore; it was opened for 28 days.

Records / FCC Forms 470

FY17-470 OAISD SPF - #170075532

Follow

Please note: The following fields pull the most current data from the Contact User Profile and Applicant Entity Profile: Recipient(s) of Service, Contact Name, and Contact Phone Number. If you would like to review this FCC Form 470 with the data that was present upon certification, please navigate to the Generated Documents related dashboard on the left-hand side and click the Original Version document link.

Application Information

|                         |                    |                    |                        |
|-------------------------|--------------------|--------------------|------------------------|
| Nickname                | FY17-470 OAISD SPF | Created Date       | 3/27/2017 11:19 AM EDT |
| Application Number      | 170075532          | Created By         | Robert Rice            |
| Funding Year            | 2017               | Certified Date     | 3/28/2017 3:40 AM EDT  |
| Status                  | Certified          | Certified By       | Michael Rohwer         |
| Allowable Contract Date | 4/25/2017          | Last Modified Date | 3/29/2017 4:03 PM EDT  |
|                         |                    | Last Modified By   | Robert Rice            |

Billed Entity Information

|      |                   |                            |        |
|------|-------------------|----------------------------|--------|
| Name | OTTAWA AREA I S D | Billed Entity Number (BEN) | 131536 |
|------|-------------------|----------------------------|--------|

Application Type and Recipients of Service

|                         |                                                                                                                 |                             |   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------|---|
| Applicant Type          | School District                                                                                                 | Number of Eligible Entities | 4 |
| Recipient(s) of Service | <input checked="" type="checkbox"/> Public School<br><input checked="" type="checkbox"/> Public School District |                             |   |

Contact Information

|       |                   |              |              |
|-------|-------------------|--------------|--------------|
| Name  | Michael Rohwer    | Phone Number | 616-738-8940 |
| Email | mrohwer@oaisd.org |              |              |

Services Requested

Category 1: Internet Access and/or Telecommunications

| Type                                      | Function                                 | Number Entities | Quantity        | Unit            | Min Capacity    | Max Capacity    | Installation and Initial Configuration? | Maintenance Indicator | Associate RFP                     |
|-------------------------------------------|------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------------------------|-----------------------|-----------------------------------|
| Internet Access and/or Telecommunications | Transport Only - No ISP Service Included | 1               | 1               | Circuits        | 10 Gbps         | 10 Gbps         | Yes                                     | Yes                   | <a href="#">View RFP Document</a> |
| Internet Access and/or Telecommunications | Lit Fiber Service                        | 1               | 1               | Circuits        | 10 Gbps         | 10 Gbps         | Yes                                     | Yes                   | <a href="#">View RFP Document</a> |
| Internet Access and/or Telecommunications | Dark Fiber                               | 1               | 1               | Fiber Strands   |                 |                 | Yes                                     | Yes                   | <a href="#">View RFP Document</a> |
| Internet Access and/or Telecommunications | Self-provisioning                        | 1               | Detailed in RFP | Detailed in RFP | Detailed in RFP | Detailed in RFP | Yes                                     | Yes                   | <a href="#">View RFP Document</a> |

Category One Narrative

Self Provisioned Fiber Build For Grand Haven-CBI which could not be added to the district as an entity since USAC has locked entity update features down.

There are no Services Requested For Category 2

Technical Contact Information



A technical contact has not been indicated

## State or Local Procurement Requirements

---

State or Local Procurement Requirements have not been indicated

Exhibit K

| BEN    | BEN_NAME          | FRN        | FCC Form 471 | Status | Service Type                             | Establishing FCC For SPIN | Service Provider      |
|--------|-------------------|------------|--------------|--------|------------------------------------------|---------------------------|-----------------------|
| 131536 | OTTAWA AREA I S D | 1799078130 | 171034991    | Funded | Data Transmission and/or Internet Access | 170075532 143008446       | Western Tel-com, Inc. |

USAC did not  
release FCDL letter  
in FY17



| Service Sta | Contract Ex | Award Date | Mor | Total Eligib | Total Eligible | Total Pre-Dis | Discount R | Committed A | Application                                       | FCDL Comments | FCDL Comments     |
|-------------|-------------|------------|-----|--------------|----------------|---------------|------------|-------------|---------------------------------------------------|---------------|-------------------|
| 7/1/2017    | 6/30/2020   | 5/2/2017   | 12  | \$0.00       | \$17,510.00    | \$17,510.00   | 80.00%     | \$14,008.00 | The applicant did not submit any RAL corrections. |               | MR1: The Contract |

| Wave Num | Last Allowable Date | Consultant CRN       | Consultant Employer Name |
|----------|---------------------|----------------------|--------------------------|
| 23       | 6/30/2018           | Robert Rice 16055924 | Triple R Consultants     |

Records / FCC Forms 486

# FY18-486-F Ottawa - #82435



Summary Associated FRNs Review Inquiries News Related Actions



In-Review

Outreach

Review Completed

Notification Issued

## FCC Form 486 Form Details

View Status (+)

Funding Year 2017

Submitting Organization OTTAWA AREA I S D (BEN: 131536)

Created By Robert Rice

Created On 11/3/2017 2:36 PM EDT

## Billed Entity Information

OTTAWA AREA I S D  
13565 PORT SHELDON ST  
HOLLAND, MI 49424  
616-738-8940

Billed Entity Number: 131536  
FCC Registration Number: 0011799855  
Applicant Type: School District

## Main Contact

Name Michael Rohwer  
Phone Number 616-738-8940

Email mrohwer@oaisd.org

## Service Information

| FRN Number | Application Number | FRN Nickname      | Category of Service | SPIN      | Service Provider      | Actual Service Start Date | Approved Service Start Date |
|------------|--------------------|-------------------|---------------------|-----------|-----------------------|---------------------------|-----------------------------|
| 1799078130 | 171034991          | Western Telcom    | Category 1          | 143008446 | Western Tel-com, Inc. | 7/1/2017                  |                             |
| 1799078144 | 171034991          | Western Telcom FM | Category 1          | 143008446 | Western Tel-com, Inc. | 7/1/2017                  |                             |
| 1799078149 | 171034991          | Vector            | Category 1          | 143049512 | Vector Tech Group     | 7/1/2017                  |                             |

## Original Certifications

- ☐ The Funding Requests listed in this FCC Form 486 have been approved by USAC as shown in my Funding Commitment Decision Letter (FCDL). I have confirmed with the service provider(s) featured in those Funding Requests that these services will start on or before July 31 of the Funding Year.
- ☐ I am providing notification that, as of the date of the start of discounted services, I am unable to make the certifications required by the Children's Internet Protection Act, as codified at 47 U.S.C. § 254(h) and (l), because my state or local procurement rules or regulations or competitive bidding requirements prevent the making of the certification(s) otherwise required. I certify that the schools or libraries represented in the Funding Request Number(s) on this FCC Form 486 will be brought into compliance with the CIPA requirements before the start of the Third Funding Year in which they apply for discounts.
- ☐ I certify that the services listed on this FCC Form 486 have been, are planned to be, or are being provided to all or some of the eligible entities identified in the FCC Form 471 application(s) cited above. I certify that there are signed contracts covering all of the services listed on this FCC Form 486 except for those services provided under tariff or on a month-to-month basis. I certify that I am authorized to submit this receipt of service confirmation on behalf of the above-named Billed Entity; that I have examined this request; and that, to the best of my knowledge, information, and belief, all statements of fact contained herein are true.
- ☐ I understand that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the services receive an appropriate share of benefits from those services. I recognize that I may be audited pursuant to this application and will retain for at least ten years (or whatever retention period is required by the rules in effect at the time of this certification) after the latter of the last day of the applicable funding year or the service delivery deadline for the funding request any and all records, including FCC Forms 479 where required, and, if audited, will make such records available to the Administrator.
- ☐ I certify that as of the date of the start of discounted services: a. the recipient(s) of service represented in the Funding Request Number(s) on this FCC Form 486 has (have) complied with the requirements of the Children's Internet Protection Act, as codified at 47 U.S.C. § 254(h) and (l).
- ☐ I certify that as of the date of the start of discounted services: Pursuant to the Children's Internet Protection Act, as codified at 47 U.S.C. § 254(h) and (l), the recipient(s) of service represented in the Funding Request Number(s) on this Form 486: (FOR SCHOOLS and FOR LIBRARIES IN THE FIRST FUNDING YEAR FOR PURPOSES OF CIPA) is (are) undertaking such actions, including any necessary procurement procedures, to comply with the requirements of CIPA for the next funding year, but has (have) not completed all requirements of CIPA for this funding year.
- ☐ I certify that as of the date of the start of discounted services: The Children's Internet Protection Act does not apply because the recipient(s) of service represented in the Funding Request Number(s) on this FCC Form 486 is (are) receiving discount services only for telecommunications services.
- ☐ I certify as the Billed Entity for the consortium that the only services that have been approved for discounts under the universal service support mechanism on behalf of eligible members of the consortium are telecommunications services, and therefore the requirements of the Children's Internet Protection Act, as codified at 47 U.S.C. § 254(h) and (l), do not apply.
- ☐ I certify as the Billed Entity for the consortium that I have collected duly completed and signed FCC Forms 479 from all eligible members of the consortium.
- ☐ I certify that some or all of the eligible consortium members checked FCC Form 479 Item 6d to seek a CIPA Waiver, and upon request from the Administrator I can provide this information.
- ☐ I certify that no eligible consortium members checked FCC Form 479 Item 6d to seek a CIPA Waiver.

## FCC Notice Required By The Paperwork Reduction Act (OMB Control Number: 3060-0853)

Part 54 of the Federal Communications Commission's (FCC) rules authorize the FCC to collect the information requested in this form. Responses to the questions herein are required to obtain the benefits sought by this application. Failure to provide all requested information will delay processing or result in the form being returned without action. Information requested by this form will be available for public inspection. The information provided will be used to determine whether approving this request is in the public interest. We have estimated that each response to this collection of information will take 1 hour. Our estimate includes the time to read the instructions, look through existing records, gather and maintain the required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0853), Washington, DC 20554. We will also accept your comments via the Internet if you send them to [pra@fcc.gov](mailto:pra@fcc.gov). Please DO NOT SEND COMPLETED APPLICATIONS TO THIS ADDRESS. Remember - you are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-0853.

FCC Form 486

OMB Control No. 3060-0853

December 2013

## Approved Certifications

## Approved CIPA Certifications

## Certification Details

Certified By Robert Rice

Certified On 11/3/2017 2:36 PM EDT

PRINT PREVIEW ✓